June 2026

Camera Control PTP 3 Reference

For 2020 Models or Later

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Document History

Date	Version	Description
Nov. 1 2023	1.0.0	• First version
Apr. 1 2024	1.1.0	• Added the following operation: ◦ SDIO_OperationResultsSupported • Added the following device properties: ◦ Focus Position Setting ◦ Focus Position Current Value ◦ Monitoring Output Display HDMI ◦ HDMI Resolution (Still/Play) ◦ HDMI Output Rec Media (Movie) ◦ HDMI Output Resolution (Movie) ◦ HDMI Output 4K Set (Movie) ◦ HDMI Output RAW (Movie) ◦ HDMI Output Raw Setting (Movie) ◦ HDMI Output Time Code (Movie) ◦ HDMI Output REC Control (Movie) ◦ Audio Output HDMI Monitor CH ◦ Lens Model Name ◦ Camera Shake Status ◦ Update Body Status ◦ Media SLOT1 Writing State ◦ Media SLOT2 Writing State • Added the following control: ◦ Cancel Focus Position • Added the following events: ◦ SDIE_FocusPositionResult ◦ SDIE_OperationResults ◦ SDIE_AFStatus ◦ SDIE_MovieRecOperationResults • Added the Note of Focal Distance in Meter • Added the Note of Focus Indication • Changed the compatibility for Models ILCE-7CM2 and ILCE-7CR, making Focal Distance in Meter as not supported.

Date	Version	Description
Sep. 1 2024	1.2.0	• Added an overview for the For Connections Using PTP-IP section. • Added an overview for the Acquiring Content from Video Only Models section. • Added models ILCE-9M3, ILCE-7RM4A, ZV-E10M2, ILME-FX6, and MPC-2610 to the compatibility. • Added the following operation: ◦ GetObjectPropValue ◦ GetObjectPropList ◦ SDIO_SetFTPSettingFilePassword ◦ SDIO_GetVendorCodeVersion ◦ SDIO_GetFTPJobList ◦ SDIO_ControlFTPJobList ◦ SDIO_UploadData ◦ SDIO_ControlUploadData ◦ SDIO_GetFTPSettingList ◦ SDIO_SetFTPSettingList • Added the following device properties: ◦ T-Number ◦ Iris Display Unit ◦ Select FTP ServerID ◦ Media SLOT2 ProfileUrl ◦ FTP Function ◦ Sync ID for FTP Job List ◦ Auto FTP Transfer ◦ Auto FTP Transfer Target ◦ Interval REC (Movie) Time ◦ Upload Dataset Version ◦ BaseLookImport Command Version ◦ BaseLookImport Operation Enable Status ◦ FTPSettingList Operation Enable Status ◦ Camera Operating Mode ◦ Playback View Mode ◦ Delete UserBaseLook ◦ Select UserBaseLook to Edit ◦ UserBaseLook Input ◦ UserBaseLook AE Level Offset ◦ Base ISO Switch EI ◦ Select BaseLook to Set in PPLUT ◦ Eframing Scale (Auto) ◦ Eframing Speed (Auto) ◦ Camera Eframing ◦ Eframing Mode (Auto) ◦ Flicker Less Shooting ◦ Long Exposure NR ◦ High ISO NR ◦ HLG Still Image ◦ Color Space (Still Image) ◦ Recording Media (Still Image) ◦ Recording Media (Movie) ◦ Auto Switch Media ◦ Bracket order ◦ Focus Bracket order

Date	Version	Description
		◦ Focus Bracket Exposure Lock 1st Img ◦ Focus Bracket Interval Until Next Shot ◦ Interval REC (Still) Shooting Start Time ◦ Interval REC (Still) Shooting Interval ◦ Interval REC (Still) Number of Shots ◦ Interval REC (Still) AE Tracking Sensitivity ◦ Interval REC (Still) Shutter Type ◦ Interval REC (Still) Shoot Interval Priority ◦ Wind Noise Reduct ◦ Auto Slow Shutter ◦ ISO Auto Min Shutter Speed Mode ◦ ISO Auto Min Shutter Speed Manual ◦ ISO Auto Min Shutter Speed Preset ◦ ISO Auto Range Limit (min) ◦ ISO Auto Range Limit (max) ◦ Soft Skin Effect ◦ Priority Set in AF-S ◦ Priority Set in AF-C ◦ Focus Magnification Time ◦ Playback Volume Settings ◦ Auto Review ◦ Audio Signals ◦ Media SLOT3 Status ◦ Media SLOT3 Remaining shooting time ◦ Media SLOT3 Rec Available Type ◦ Media SLOT3 ProfileUrl ◦ Image Stabilization Steady Shot Adjust ◦ Image Stabilization Steady Shot Focal Length ◦ Auto FTP Transfer Target (Movie) ◦ FTP Transfer Target ◦ FTP Transfer Target (Proxy) ◦ FTP Power Save ◦ ND Filter Unit Setting ◦ ND Filter Optical Density Value ◦ USB Power Supply ◦ Interval REC (Movie) Frame Rate ◦ Interval REC (Movie) Record Setting ◦ Eframing Recording Image Crop ◦ Eframing HDMI Crop ◦ Subject Recognition in AF ◦ Recognition Target ◦ Right/Left Eye Select ◦ Select FTP Server ◦ FTP Connection Status ◦ FTP Connection Error Info ◦ Movie Rec Self timer ◦ Movie Rec Self timer Count time ◦ Movie Rec Self timer Continuous ◦ Movie Rec Self timer Status ◦ Bulb Timer Setting ◦ Bulb Exposure Time Setting ◦ Flicker Scan Status ◦ Flicker Scan Enable Status

Date	Version	Description
		◦ Button Assignment Assignable.10 ◦ Assignable Button 10 ◦ Assignable Button Indicator 10 ◦ Image Stabilization Level (Movie) ◦ Movie Trimming Transfer Support Information ◦ Button Assignment Assignable.11 ◦ Assignable Button 11 ◦ Assignable Button Indicator 11 • Added the following controls: ◦ AEL Button ◦ FEL Button ◦ AWBL Button ◦ Custom WB Capture Standby ◦ Custom WB Capture Standby Cancel ◦ Custom WB Capture ◦ Flicker Scan ◦ Movie Rec Button (Toggle) • Added the following events: ◦ StoreAdded ◦ StoreRemoved ◦ SDIE_DateTimeSettingResult ◦ SDIE_ZoomandFocusPositionEvent ◦ SDIE_MediaProfileChanged ◦ SDIE_ControlJobListEvent ◦ SDIE_ControlUploadDataResult • Added the Note of Exposure Program Mode • Fixed an issue with string transmission length in command.cpp of example-v3-linux.

Date	Version	Description
June. 1 2025	1.3.0	• Added an overview for the Live View for Pan/Tilt Type Cameras section. • Added an overview for the About Events section. • Added description about pan/tilt type cameras in the For Connections Using PTP-IP section. • Added the following sections to the Tips chapter: ◦ Import (Upload) the Cube File (LUT data) ◦ Perform a Firmware Update ◦ PTZF Operation ◦ Detailed SDIO_ControlPTZF Usage ◦ Preset PTZF Operation ◦ Remote Control with Transfer Mode • Added models ILCE-1M2, ILME-FX2, ILME-FR7, PXW-Z200, HXR-NX800, BRC-AM7, ILME-FX3A, ZV-1A, and DSC-RX100M7A to the compatibility. • Added `Remote Control with Transfer Mode` to `Function Mode` in SDIO_OpenSession • Added the following operations: ◦ SDIO_ControlPTZF ◦ SDIO_SetPresetPTZF ◦ SDIO_GetOSDImage ◦ SDIO_GetRestrictionInfo ◦ SDIO_RequestFirmwareUpdateCheck ◦ SDIO_SetFirmWareUpdateMode ◦ SDIO_UploadPartialData ◦ SDIO_GetFirmwareUpdateInfo ◦ SDIO_GetStreamSettingList ◦ SDIO_SetStreamSettingList ◦ SDIO_ExecuteEFraming ◦ SDIO_GetDeviceDescriptionFile ◦ SDIO_GetCapturedDateList ◦ SDIO_GetContentInfoList ◦ SDIO_GetContentData ◦ SDIO_GetContentCompressedData ◦ SDIO_DownloadData ◦ SDIO_GetPresetInfoList ◦ SDIO_GetDisplayFTPResult ◦ SDIO_GetAreaTimeZoneSetting ◦ SDIO_SetAreaTimeZoneSetting ◦ SDIO_DeleteContent ◦ SDIO_GetExtDeviceProp • Added the following device properties: ◦ IR Remote Setting ◦ IP Setup Protocol Setting ◦ Camera Power Status ◦ Recordable Power Sources ◦ Pan Position Current Value ◦ Pan Position Status ◦ Tilt Position Current Value ◦ Tilt Position Status ◦ Pan Limit Range Minimum ◦ Pan Limit Range Maximum ◦ Tilt Limit Range Minimum

Date	Version	Description
		◦ Tilt Limit Range Maximum ◦ Pan Limit Mode ◦ Tilt Limit Mode ◦ ControlPTZF Binary Version ◦ Preset PTZF Number of Slots ◦ SetPresetPTZF Binary Version ◦ LiveViewURL ◦ Live View Image Quality by Numerical Value ◦ Red Tally Lamp Control ◦ Green Tally Lamp Control ◦ Yellow Tally Lamp Control ◦ OSD Image Mode ◦ Camera Button Function capability ◦ Camera Button Function Multi capability ◦ Camera Dial Function capability ◦ Camera Lever Function capability ◦ Camera Button Function Status ◦ Tele/Wide Lever Value capability ◦ Enlarge Screen Setting ◦ Auto FTP Transfer Target(Still) ◦ Protect Image in FTP Transfer ◦ Firmware Update Command Version ◦ Firmware Update Status ◦ Maximum number of bytes ◦ Debug Mode ◦ Video Stream Select ◦ Video Stream Codec ◦ Video Stream Resolution ◦ Video Stream Bit Rate Compression Mode ◦ Video Stream Adaptive Rate Control ◦ Video Stream Resolution Method ◦ Stream Cipher Type ◦ Stream Latency ◦ Stream TTL ◦ Stream Mode Setting ◦ Stream Status ◦ Video Stream Movie Rec Permission ◦ Audio Stream Codec Type ◦ Audio Stream Sampling Frequency ◦ Audio Stream Bit Depth ◦ Audio Stream Channel ◦ StreamSettingList Operation Enable Status ◦ Video Stream Bit Rate VBR Mode ◦ Target Streaming Destination Select ◦ Stream Display Name ◦ Video Stream Max Bit Rate ◦ Stream Button Enable Status ◦ Eframing Type ◦ Eframing Command Version ◦ Eframing Speed(PTZ) ◦ Eframing Tracking Start Mode ◦ Eframing Production Effect ◦ Eframing Auto Framing

Date	Version	Description
		◦ ContentInfoList Enable Status (SLOT1) ◦ ContentInfoList Enable Status (SLOT2) ◦ ContentInfoList regenerate time (SLOT1) ◦ ContentInfoList regenerate time (SLOT2) ◦ PostView Transfer Resource Status ◦ ContentInfoList update time (SLOT1) ◦ ContentInfoList update time (SLOT2) ◦ Shooting Enable Setting (License) ◦ Maximum Size of Image ID String ◦ Grid Line Display (Playback) ◦ Grid Line Type ◦ CustomGridLineFile Command Version ◦ Iris Close Setting ◦ Shutter Select Mode ◦ Media SLOT1 Rec Available Type ◦ Media SLOT2 Rec Available Type ◦ Simul Rec Setting ◦ S&Q Mode Setting ◦ Picture Cache Rec Setting ◦ Picture Cache Rec Size and Time ◦ Interval REC (Movie) Frames ◦ Push Auto Iris ◦ Push AGC ◦ Push Auto ND Filter ◦ Push Auto Focus ◦ Imager Scan Mode ◦ Recording Resolution For RAW (Movie) ◦ Touch Function in MF ◦ Paint/Look Master Black ◦ Paint/Look R Black ◦ Paint/Look B Black ◦ Paint/Look Knee Setting ◦ Paint/Look Auto Knee ◦ Paint/Look Knee Point ◦ Paint/Look Knee Slope ◦ Paint/Look Detail Setting ◦ Paint/Look Detail Level ◦ ND Filter Preset Select ◦ ND Filter Preset 1 Value ◦ ND Filter Preset 2 Value ◦ ND Filter Preset 3 Value ◦ Monitoring Output Display SDI ◦ Camera System Error Info ◦ Lens Serial Number ◦ Simul Rec Setting (Movie Rec Button) ◦ Displayed Menu Status ◦ White Balance Switch ◦ White Balance Preset Color Temperature ◦ White Balance R Gain ◦ White Balance B Gain ◦ White Balance Offset Color Temp ATW ◦ White Balance Offset Tint ATW ◦ Language Setting

Date	Version	Description
		○ Auto Focus Hold ○ White Balance Offset Setting ○ White Balance Offset Color Temp ○ Second Battery Remaining ○ Second Battery Level Indicator ○ ContShootSpotBoostSpeed ○ ContShootSpotBoost Status ○ ContShootSpotBoost Enable Status ○ Select IPTC Metadata ○ Flicker Less Shooting Status ○ Custom WB Size Setting ○ AF Free Size and Position Setting ○ Paint/Look User Matrix Setting ○ Paint/Look User Matrix Level ○ Paint/Look User Matrix Phase ○ Paint/Look User Matrix R-G ○ Paint/Look User Matrix R-B ○ Paint/Look User Matrix G-R ○ Paint/Look User Matrix G-B ○ Paint/Look User Matrix B-R ○ Paint/Look User Matrix B-G ○ Paint/Look Multi Matrix Setting ○ Paint/Look Multi Matrix Axis ○ Paint/Look Multi Matrix Hue ○ Paint/Look Multi Matrix Saturation ○ FTP Transfer Still Quality Size ○ Synchroterminal Forced Output ○ Shutter Release Time Lag Control ○ Continuous Shooting Speed in Electric Shutter(Hi+) ○ Continuous Shooting Speed in Electric Shutter(Hi) ○ Continuous Shooting Speed in Electric Shutter(Mid) ○ Continuous Shooting Speed in Electric Shutter(Lo) ○ e-Front Curtain Shutter ○ Audio Level Display ○ HDMI Output Color Gamut for RAW Out (Movie) ○ TimeShift Shooting ○ TimeShift Trigger Setting ○ TimeShift PreShooting Time Setting ○ Top of the Group Shooting Mark Setting ○ Embed LUT File ○ TimeShift Shooting Status ○ Default AF Free Size and Position Setting ○ Extended Shutter Speed ○ Lens Compensation Shading ○ Lens Compensation Chromatic Aberration ○ Lens Compensation Distortion ○ Lens Compensation Breathing ○ Focus Bracket Recording Folder ○ Release without Lens ○ Release without Card ○ Image Stabilization Framing Stabilizer ○ Priority Set in AWB ○ AF Illuminator

Date	Version	Description
		◦ Aperture Drive in AF ◦ AF with shutter ◦ Full Time DMF ◦ Pre-AF ◦ Display Quality (Finder/Monitor) ◦ Audio Signals Volume ◦ Control For HDMI ◦ Anti-dust Shutter When Power OFF ◦ Shooting Self-timer Status ◦ Metered Manual Level ◦ Face/Eye Frame Display ◦ AF in Focus Magnifier ◦ Camera Error Caution Status ◦ System Error Caution Status ◦ Initial Focus Magnifier (Still) ◦ Remote Save Image Size ◦ Program Shift Status ◦ Wake on LAN ◦ Tracking On + AF On Enable Status ◦ APS-C/Super 35mm Shooting ◦ Recording File Number (Still) ◦ Forced File Number Reset Enable Status ◦ Recording Setting File Name ◦ Recording Folder Format ◦ Write Copyright Info ◦ Set Photographer ◦ Set Copyright ◦ File Settings Camera ID ◦ File Settings Reel Number ◦ File Settings Camera Position ◦ Create New Folder (Still) Enable Status ◦ File Settings Title Name Settings ◦ Microphone directivity ◦ Grid Line Display ◦ Product Showcase Set ◦ Amount of Defocus Setting ◦ Cinematic Vlog Setting ◦ Cinematic Vlog Look ◦ Cinematic Vlog Mood ◦ Cinematic Vlog AF Transition Speed ◦ Face Priority in Multi Metering ◦ Subject Recognition Person Tracking Subject Shift Range ◦ Subject Recognition Animal+Bird Priority ◦ Subject Recognition Animal+Bird Detection Parts ◦ Subject Recognition Animal (Still) Tracking Subject Shift Range ◦ Subject Recognition Animal (Still) Tracking Sensitivity ◦ Subject Recognition Animal (Still) Detection Sensitivity ◦ Subject Recognition Animal (Still) Detection Parts ◦ Subject Recognition Bird Tracking Subject Shift Range ◦ Subject Recognition Bird Tracking Sensitivity ◦ Subject Recognition Bird Detection Sensitivity ◦ Subject Recognition Bird Detection Parts ◦ Subject Recognition Insect Tracking Subject Shift Range

Date	Version	Description
		◦ Subject Recognition Insect Tracking Sensitivity ◦ Subject Recognition Insect Detection Sensitivity ◦ Subject Recognition Car/Train Tracking Subject Shift Range ◦ Subject Recognition Car/Train Tracking Sensitivity ◦ Subject Recognition Car/Train Detection Sensitivity ◦ Subject Recognition Plane Tracking Subject Shift Range ◦ Subject Recognition Plane Tracking Sensitivity ◦ Subject Recognition Plane Detection Sensitivity ◦ Subject Recognition Priority on registered face ◦ Monitor Brightness Type ◦ Monitor Brightness Manual ◦ TC/UB Display Setting ◦ Gamma Display Assist ◦ Gamma Display Assist Type ◦ Total Battery Remaining ◦ Total Battery Level Indicator ◦ Audio Signals (Start/End) ◦ Auto Recognition Target Candidates ◦ Auto Recognition Target Setting ◦ Exposure Step ◦ Paint/Look Multi Matrix Area Indication ◦ Monitor LUT Setting Output Dest Assign ◦ Monitor LUT Setting 1 ◦ Monitor LUT Setting 2 ◦ Monitor LUT Setting 3 ◦ AF Track for Speed Change ◦ Monitoring Output Display Setting Dest Assign ◦ Monitoring Output Display Setting 1 ◦ Monitoring Output Display Setting 2 ◦ UserBaseLook Output ◦ Play Set of Multi. Media ◦ Recording File Number (Movie) ◦ Zoom Position Setting ◦ Zoom Position Current Value ◦ Focus Mode status ◦ Audio Input CH1 Level Control ◦ Audio Input CH2 Level Control ◦ Audio Input CH3 Level Control ◦ Audio Input CH4 Level Control ◦ Audio Input CH1 Level ◦ Audio Input CH2 Level ◦ Audio Input CH3 Level ◦ Audio Input CH4 Level ◦ Audio Input CH1 Input Select ◦ Audio Input CH2 Input Select ◦ Audio Input CH3 Input Select ◦ Audio Input CH4 Input Select ◦ Audio Input CH1 Wind Filter ◦ Audio Input CH2 Wind Filter ◦ Audio Input CH3 Wind Filter ◦ Audio Input CH4 Wind Filter ◦ Pan-Tilt Acceleration Ramp Curve ◦ Remote Key Thumbnail Button

Date	Version	Description
		◦ Remote Key SLOT Select Button ◦ Video Rec Format Bitrate Setting ◦ Valid Rec Video Format ◦ Monitoring Output Format ◦ AF Area Position(x,y) (AF-C) ◦ Focus Speed Direct Sync ◦ Movie Quality FullAuto Mode ◦ De-Squeeze Display Ratio ◦ Audio Input1 Type Select ◦ Audio Input2 Type Select ◦ Video Rec Format Quality ◦ Call Setting ◦ Manual Input for ND Filter Value ◦ Log Shooting Mode (Still) ◦ Log Shooting Mode Color Gamut (Still) ◦ ND Filter Position Setting ◦ SceneFile Command Version ◦ DeleteContent Operation Enable Status (SLOT1) ◦ DeleteContent Operation Enable Status (SLOT2) ◦ Different Set for S&Q/Mv ◦ SceneFile Indexes Available for Download ◦ Digital Extender Magnification Setting ◦ SceneFile Upload Operation Enable Status ◦ Playback Contents Recording Date/Time ◦ Playback Contents Name ◦ Playback Contents Number ◦ Playback Contents Total Number ◦ Playback Contents Recording Resolution ◦ Playback Contents Recording Frame Rate ◦ Playback Contents Recording File Format ◦ Playback Contents Gamma Type ◦ BaseLook Name of Playback ◦ BaseLook Applied of Playback ◦ Movie Rec Review Playing State ◦ Focus Operation with INT16 Enable Status • Added the following controls: ◦ Camera Standby ◦ Power On ◦ Preset PTZF Recall ◦ Camera Button Function ◦ Camera Button Function Multi ◦ Camera Dial Function ◦ Camera Lever Function ◦ Set PostView Enable ◦ Set LiveView Enable ◦ Zoom Operation with INT16 ◦ Focus Operation with INT16 ◦ Cancel Zoom Position ◦ Remote Key UP ◦ Remote Key DOWN ◦ Remote Key LEFT ◦ Remote Key RIGHT ◦ High Resolution SS Adjust

Date	Version	Description
		◦ Reset Multi Matrix ◦ High Resolution SS Adjust In Integral Multiples ◦ Set PresetInfo ZoomOnly Value ◦ ContShootSpotBoost Button ◦ Remote Key Cancel Back Button ◦ Remote Key Display Button ◦ Remote Key SET ◦ Remote Key RIGHT UP ◦ Remote Key RIGHT DOWN ◦ Remote Key LEFT UP ◦ Remote Key LEFT DOWN ◦ Movie Rec Button (2nd) (Toggle) ◦ Remote Key Menu Button ◦ Tracking On + AF On Button ◦ Forced File Number Reset ◦ Create New Folder(still) ◦ Stream Button • Added the following events: ◦ SDIE_ControlPTZFResult ◦ SDIE_PresetPTZFEvent ◦ SDIE_FirmwareUpdateCheckResult ◦ SDIE_FirmwareUpdateEvent ◦ SDIE_StreamStatusEvent ◦ SDIE_ContentInfoListChanged ◦ SDIE_ZoomPositionResult ◦ SDIE_PresetInfoListChanged ◦ SDIE_CautionDisplayEvent ◦ SDIE_DeleteContentResult • Updated parameter information to SDIO_GetDisplayStringList. • Updated parameter information to SDIO_ControlUploadData. • Updated parameter information to SDIE_ControlUploadDataResult. • Updated section FocalFrameInfo in the Data Format chapter. • Updated Note for Image ID (String). • Updated Compatibility table.
Aug. 1 2025	1.3.1	• Changed the Compatibility for Model ILCE-6700, enabling SDIO_ControlUploadData and SDIE_ControlUploadDataResult. • Changed the Compatibility for Models PXW-Z200 and HXR-NX800, enabling Maximum number of bytes. • Changed the Compatibility for Model ILCE-1M2, enabling SDIO_UploadPartialData, Maximum Size of Image ID String, Shooting Enable Setting (License), Grid Line Display (Playback), Grid Line Type, and CustomGridLineFile Command Version. • Corrected the specification for SDIO_GetContentData.
Oct. 1 2025	1.3.2	• Added the Notes for the following device properties: ◦ Shooting Enable Setting (License) ◦ Grid Line Display (Playback) ◦ Grid Line Type ◦ CustomGridLineFile Command Version • Updated the Compatibility for Model ILCE-9M3.

Date	Version	Description
Feb. 1 2026	1.4.0	• Added models ILCE-7M5, DSC-RX1RM3, and PXW-Z300 to the Compatibility. • Added the following section to the Tips chapter: ◦ CameraSetting File • Added the following operations: ◦ SDIO_ControlGeneralSettingFile ◦ SDIO_GetControlGeneralSettingResultFile ◦ SDIO_GetLicenseInfoList • Added the following device properties: ◦ Control General SettingFile Enable Status ◦ CompRAW Shooting NR ◦ CompRAW Shooting NR RAW File Type ◦ CompRAW Shooting NR Number of Sheets ◦ Elapsed Bulb Exposure Time ◦ Remaining Bulb Exposure Time ◦ Remaining Noise Reduction Time ◦ Wind Noise Reduct for External Mic ◦ Noise Cut Filter ◦ Noise Cut Filter for External Mic ◦ CompRAW Shooting HDR ◦ CompRAW Shooting HDR DR Setting ◦ CompRAW Shooting HDR RAW File Type ◦ CompRAW Shooting HDR Number of Sheets ◦ Angle of view Priority (Movie) ◦ Monitor DISP (Screen Display) Mode Candidates(Still) ◦ Monitor DISP (Screen Display) Mode Setting(Still) ◦ Monitor DISP (Screen Display) Mode(Still) ◦ Monitor DISP (Screen Display) Mode Candidates(Movie) ◦ Monitor DISP (Screen Display) Mode Setting(Movie) ◦ Monitor DISP (Screen Display) Mode(Movie) ◦ Home Menu Setting(Lower Left) ◦ Peaking Display ◦ Peaking Level ◦ Peaking Color ◦ Zebra Display ◦ Zebra Level ◦ Zebra Level Type (Custom) ◦ Zebra Level Standard (Custom) ◦ Zebra Level Range (Custom) ◦ Zebra Level Lower Limit (Custom) ◦ Marker Display ◦ Center Marker Display ◦ Aspect Marker Ratio (Movie) ◦ Safety Zone Display ◦ Guideframe Display • Added the following control: ◦ USB Connection Mode Request • Added the following event: ◦ SDIE_ControlGeneralSettingResult • Added the Note of Follow Focus Position Setting • Updated Compatibility table.

Date	Version	Description
June. 1 2026	1.5.0	• Added model ILCE-7RM6 to the Compatibility. • Added the following device properties: ◦ Dual Gain ◦ Imager Mode ◦ Display Quality (Finder) ◦ Display Quality (Monitor) • Changed the following device properties: ◦ Grid Line Display (Playback) (License) ◦ CustomGridLineFile Command Version (License) • Updated value information to Dynamic Range Optimizer • Updated section ContentInfoList in the Data Format chapter.

Contents

Overview 36
For Connections Using PTP-IP 37
Connect 43
Get Property 44
Set Property 45
Send Control Command 46
About Events 47
Get Image File 48
Live View 49
Live View for Pan/Tilt Type Cameras 50
Movie Recording 51
Content Transfer Mode 51
Acquiring Content from Video Only Models 54
Disconnect 55

Command List 56
Operations 56
Device Properties 58
Controls 80
Events 82
Vendor Response Code 83
Object Format 84

Compatibility 85
Operations 85
Device Properties 86
Controls 105
Events 107

Operations 108
GetDeviceInfo 108
OpenSession 108
CloseSession 108
GetStorageIDs 108
GetStorageInfo 109
GetNumObjects 109
GetObjectHandles 109
GetObjectInfo 109
GetObject 110
GetThumb 112
SendObject 112
GetPartialObject 114
GetObjectPropValue 114
GetObjectPropList 114
SDIO_Connect 114
SDIO_GetExtDeviceInfo 115
SDIO_SetExtDevicePropValue 116
SDIO_ControlDevice 117
SDIO_GetAllExtDevicePropInfo 118

SDIO_SetFTPSettingFilePassword 120
SDIO_OpenSession 122
SDIO_GetPartialLargeObject 123
SDIO_SetContentsTransferMode 123
SDIO_GetDisplayStringList 125
SDIO_GetVendorCodeVersion 127
SDIO_GetFTPJobList 128
SDIO_ControlFTPJobList 129
SDIO_UploadData 130
SDIO_ControlUploadData 132
SDIO_DownloadData 135
SDIO_GetFTPSettingList 136
SDIO_SetFTPSettingList 137
SDIO_ControlGeneralSettingFile 139
SDIO_GetControlGeneralSettingResultFile 140
SDIO_GetLensInformation 141
SDIO_RequestFirmwareUpdateCheck 143
SDIO_SetFirmwareUpdateMode 144
SDIO_UploadPartialData 145
SDIO_ExecuteEFraming 147
SDIO_OperationResultsSupported 148
SDIO_GetPresetInfoList 149
SDIO_GetDisplayFTPResult 150
SDIO_GetOSDImage 151
SDIO_GetRestrictionInfo 152
SDIO_GetDeviceDescriptionFile 153
SDIO_GetCapturedDateList 154
SDIO_GetContentInfoList 155
SDIO_GetContentData 157
SDIO_GetContentCompressedData 158
SDIO_GetStreamSettingList 159
SDIO_SetStreamSettingList 160
SDIO_ControlPTZF 162
SDIO_SetPresetPTZF 163
SDIO_GetFirmwareUpdateInfo 164
SDIO_GetAreaTimeZoneSetting 165
SDIO_SetAreaTimeZoneSetting 166
SDIO_GetLicenseInfoList 167
SDIO_DeleteContent 168
SDIO_GetExtDeviceProp 169

Device Properties 171

White Balance 171
F-Number 172
Focus Mode 172
Exposure Metering Mode 173
Flash Mode 174
Exposure Program Mode 175
Exposure Bias Compensation 177
Still Capture Mode 177
T-Number 182
Iris Mode Setting 182
Iris Close Setting 183
Iris Display Unit 183

Focal Distance in Meter 184
Focal Distance in Feet 185
Focal Distance Unit Setting 185
Focus Mode Setting 186
Focus Speed Range 186
Digital Zoom Scale 187
Zoom Distance 187
White Balance Mode Setting 188
White Balance Tint 189
Shutter Angle 189
Shutter Setting 190
Shutter Mode 190
Shutter Mode Status 191
Shutter Select Mode 191
Shutter Mode Setting 192
Shutter Slow 192
Shutter Slow Frames 193
Shutter Speed Value 193
Shutter Speed Current Value 194
ND Filter 194
ND Filter Mode 195
ND Filter Mode Setting 195
ND Filter Value 196
Gain Control Setting 197
Gain Unit Setting 197
Gain dB Value 198
Gain dB Current Value 198
Gain Base ISO Sensitivity 199
Gain Base Sensitivity 199
Exposure Index 200
ISO Current Sensitivity 200
Recording Resolution for Main (Movie) 202
Recording Resolution for Proxy (Movie) 202
Proxy File Format (Movie) 203
Recording Frame Rate Proxy Setting (Movie) 204
Zoom Distance Unit Setting 206
Sync ID for FTP Job List 207
Media SLOT1 Rec Available Type 207
Media SLOT2 Rec Available Type 208
Select FTP ServerID 208
Movie Playing State 209
Movie Playing Speed 209
Media SLOT1 ProfileUrl 210
Media SLOT2 ProfileUrl 210
Media SLOT1 Player 211
Media SLOT2 Player 211
Battery Remain Display Unit 212
Battery Remaining in Minutes 212
Battery Remaining in Voltage 213
Power Source 214
AWB 214
BaseLook Value 215
DC Voltage 216
Software Version 216

FTP Function 217
Playback Media 217
REC Settings Reset Enable Status 218
Monitor DISP (Screen Display) Mode Candidates 218
Monitor DISP (Screen Display) Mode Setting 219
Monitor DISP (Screen Display) Mode 220
Touch Operation 221
Select Finder/Monitor 221
Auto Power OFF Temperature 222
Body Key Lock 222
Image ID (Numerical Value) 223
Image ID (String) 223
Monitor LUT Setting (All Line) 224
Auto FTP Transfer 225
Auto FTP Transfer Target 225
Simul Rec Setting 226
S&Q Mode Setting 226
S&Q Frame Rate 227
Picture Cache Rec Setting 227
Picture Cache Rec Size and Time 228
Interval REC (Movie) Time 228
Interval REC (Movie) Frames 230
Upload Dataset Version 231
BaseLookImport Command Version 231
Push Auto Iris 232
Push AGC 232
Push Auto ND Filter 233
Push Auto Focus 233
Imager Scan Mode 234
Subject Recognition AF 234
AF Transition Speed 235
AF Subj Shift Sens 235
Recording Resolution For RAW (Movie) 236
Touch Function in MF 237
Paint/Look Master Black 237
Paint/Look R Black 238
Paint/Look B Black 238
Paint/Look Knee Setting 239
Paint/Look Auto Knee 240
Paint/Look Knee Point 240
Paint/Look Knee Slope 241
Paint/Look Detail Setting 241
Paint/Look Detail Level 242
ND Filter Switching Setting 242
ND Filter Preset Select 243
ND Filter Preset 1 Value 243
ND Filter Preset 2 Value 244
ND Filter Preset 3 Value 244
Monitoring Output Display SDI 245
Monitoring Output Display HDMI 245
Camera System Error Info 246
Lens Model Name 246
Lens Serial Number 247
Lens Version Number 247

Simul Rec Setting (Movie Rec Button) 248
Displayed Menu Status 249
White Balance Switch 249
White Balance Preset Color Temperature 250
White Balance R Gain 250
White Balance B Gain 251
White Balance Offset Color Temp ATW 251
White Balance Offset Tint ATW 252
BaseLookImport Operation Enable Status 252
Language Setting 253
Auto Focus Hold 254
Image ID (Numerical Value) Setting 254
Exposure Ctrl Type 255
FTPSettingList Operation Enable Status 255
Playback Contents Recording Date/Time 256
Playback Contents Name 257
Playback Contents Number 257
Playback Contents Total Number 258
Playback Contents Recording Resolution 258
Playback Contents Recording Frame Rate 259
Playback Contents Recording File Format 261
Playback Contents Gamma Type 262
White Balance Offset Setting 263
White Balance Offset Color Temp 263
Focus Bracket Shooting Status 264
Video Stream Select 264
Video Stream Codec 265
Video Stream Resolution 266
Video Stream Bit Rate Compression Mode 266
Camera Operating Mode 267
Playback View Mode 267
Firmware Update Command Version 268
Firmware Update Status 269
Maximum number of bytes 269
BaseLook Name of Playback 270
BaseLook Applied of Playback 270
Type-C Accessory Mode 271
Pixel Mapping Enable Status 271
Delete UserBaseLook 272
Select UserBaseLook to Edit 272
UserBaseLook Input 273
UserBaseLook AE Level Offset 273
Base ISO Switch EI 274
Select BaseLook to Set in PPLUT 274
Eframing Scale (Auto) 275
Eframing Speed (Auto) 276
Camera Eframing 276
S&Q Rec Frame Rate 277
S&Q Record Setting 278
Audio Recording 280
Time Code Preset 280
User Bit Preset 281
Time Code Format 281
Time Code Run 282

Time Code Make 282
User Bit Time Rec 283
Image Stabilization Steady Shot 283
Image Stabilization Steady Shot (Movie) 284
Silent Mode 285
Silent Mode Aperture Drive in AF 285
Silent Mode Shutter When Power OFF 286
Silent Mode Auto Pixel Mapping 286
Shutter Type 287
Picture Profile BlackLevel 287
Picture Profile Gamma 288
Picture Profile BlackGamma Range 289
Picture Profile BlackGamma Level 289
Picture Profile Knee Mode 290
Picture Profile Knee AutoSet MaxPoint 290
Picture Profile Knee AutoSet Sensitivity 291
Picture Profile Knee ManualSet Point 292
Picture Profile Knee ManualSet Slope 292
Picture Profile Color Mode 293
Picture Profile Saturation 294
Picture Profile ColorPhase 294
Picture Profile Color Depth Red 295
Picture Profile Color Depth Green 295
Picture Profile Color Depth Blue 296
Picture Profile Color Depth Cyan 297
Picture Profile Color Depth Magenta 297
Picture Profile Color Depth Yellow 298
Picture Profile Detail Level 298
Picture Profile Detail Adjust Mode 299
Picture Profile Detail Adjust V/H Balance 300
Picture Profile Detail Adjust B/W Balance 300
Picture Profile Detail Adjust Limit 301
Picture Profile Detail Adjust Crispening 301
Picture Profile Detail Adjust Highlight Detail 302
Copy Picture Profile 303
Creative Look 303
Creative Look Contrast 304
Creative Look Highlights 305
Creative Look Shadows 306
Creative Look Fade 306
Creative Look Saturation 307
Creative Look Sharpness 307
Creative Look Sharpness Range 308
Creative Look Clarity 309
Custom Look Image Style 309
Time Code Preset Reset Enable Status 310
User Bit Preset Reset Enable Status 311
Sensor Cleaning Enable Status 311
Reset Picture Profile Enable Status 312
Reset Creative Look Enable Status 312
Proxy Record Setting 313
Video Stream Adaptive Rate Control 313
Video Stream Resolution Method 314
Stream Cipher Type 314

Stream Latency 315
Stream TTL 315
Stream Mode Setting 316
Stream Status 317
Video Stream Movie Rec Permission 317
Audio Stream Codec Type 318
Audio Stream Sampling Frequency 318
Audio Stream Bit Depth 319
Audio Stream Channel 319
Interval REC (Movie) Count Down Interval Time 320
Recording Duration 320
Eframing Type 321
Eframing Command Version 322
Eframing Mode (Auto) 322
Eframing Speed (PTZ) 323
Second Battery Remaining 323
Second Battery Level Indicator 324
ContShootSpotBoostSpeed 325
ContShootSpotBoost Status 325
ContShootSpotBoost Enable Status 326
Select IPTC Metadata 326
Flicker Less Shooting 327
Flicker Less Shooting Status 327
Custom WB Size Setting 328
AF Free Size and Position Setting 328
Paint/Look User Matrix Setting 329
Paint/Look User Matrix Level 330
Paint/Look User Matrix Phase 330
Paint/Look User Matrix R-G 331
Paint/Look User Matrix R-B 331
Paint/Look User Matrix G-R 332
Paint/Look User Matrix G-B 333
Paint/Look User Matrix B-R 333
Paint/Look User Matrix B-G 334
Paint/Look Multi Matrix Setting 334
Paint/Look Multi Matrix Axis 335
Paint/Look Multi Matrix Hue 336
Paint/Look Multi Matrix Saturation 336
CompRAW Shooting NR 337
CompRAW Shooting NR RAW File Type 338
FTP Transfer Still Quality Size 338
FTP Transfer Target (Proxy) 339
FTP Power Save 339
ISO Auto Min Shutter Speed Mode 340
ND Filter Unit Setting 340
ND Filter Optical Density Value 341
USB Power Supply 341
Interval REC (Movie) Frame Rate 342
Interval REC (Movie) Record Setting 343
Eframing Recording Image Crop 344
Eframing HDMI Crop 344
Synchroterminal Forced Output 345
Shutter Release Time Lag Control 345
Subject Recognition in AF 346

Recognition Target 346
Right/Left Eye Select 347
CompRAW Shooting NR Number of Sheets 348
Long Exposure NR 348
High ISO NR 349
HLG Still Image 349
Color Space (Still Image) 350
Recording Media (Still Image) 350
Recording Media (Movie) 351
Auto Switch Media 351
Continuous Shooting Speed in Electric Shutter(Hi+) 352
Continuous Shooting Speed in Electric Shutter(Hi) 352
Continuous Shooting Speed in Electric Shutter(Mid) 353
Continuous Shooting Speed in Electric Shutter(Lo) 353
Bracket order 354
Focus Bracket order 354
Focus Bracket Exposure Lock 1st Img 355
Focus Bracket Interval Until Next Shot 355
Interval REC (Still) Shooting Start Time 356
Interval REC (Still) Shooting Interval 357
Interval REC (Still) Number of Shots 357
Interval REC (Still) AE Tracking Sensitivity 358
Interval REC (Still) Shutter Type 358
Interval REC (Still) Shoot Interval Priority 359
e-Front Curtain Shutter 359
Wind Noise Reduct 360
Audio Level Display 360
Auto Slow Shutter 361
ISO Auto Min Shutter Speed Manual 361
ISO Auto Min Shutter Speed Preset 362
Soft Skin Effect 363
Priority Set in AF-S 363
Priority Set in AF-C 364
Focus Magnification Time 364
Playback Volume Settings 365
Auto Review 365
Audio Signals 366
HDMI Resolution (Still/Play) 366
HDMI Output Rec Media (Movie) 367
HDMI Output Resolution (Movie) 368
HDMI Output 4K Set (Movie) 368
HDMI Output RAW (Movie) 369
HDMI Output Raw Setting (Movie) 370
HDMI Output Color Gamut for RAW Out (Movie) 370
HDMI Output Time Code (Movie) 371
HDMI Output REC Control (Movie) 371
TimeShift Shooting 372
TimeShift Trigger Setting 372
TimeShift PreShooting Time Setting 373
Top of the Group Shooting Mark Setting 373
Media SLOT3 Status 374
Media SLOT3 Remaining shooting time 375
Media SLOT3 Rec Available Type 375
Media SLOT3 ProfileUrl 376

Image Stabilization Steady Shot Adjust 376
Image Stabilization Steady Shot Focal Length 377
Camera Shake Status 379
Update Body Status 379
Embed LUT File 380
Media SLOT1 Writing State 380
Media SLOT2 Writing State 381
Auto FTP Transfer Target (Movie) 381
FTP Transfer Target 382
TimeShift Shooting Status 382
Focus Driving Status (Absolute) 383
Zoom Driving Status (Absolute) 384
Default AF Free Size and Position Setting 384
Extended Shutter Speed 385
Lens Compensation Shading 386
Lens Compensation Chromatic Aberration 386
Lens Compensation Distortion 387
Lens Compensation Breathing 387
Focus Bracket Recording Folder 388
Release without Lens 388
Release without Card 389
Image Stabilization Framing Stabilizer 389
Priority Set in AWB 390
AF Illuminator 390
Aperture Drive in AF 391
AF with Shutter 391
Full Time DMF 392
Pre-AF 392
Display Quality (Finder/Monitor) 393
Audio Signals Volume 393
Control for HDMI 394
Anti-dust Shutter When Power Off 394
Shooting Self-timer Status 395
Metered Manual Level 395
ISO Auto Range Limit (min) 396
ISO Auto Range Limit (max) 396
Face/Eye Frame Display 397
AF in Focus Magnifier 397
Camera Error Caution Status 398
System Error Caution Status 398
Initial Focus Magnifier (Still) 399
Remote Save Image Size 399
Program Shift Status 400
Wake on LAN 400
Tracking On + AF On Enable Status 401
APS-C/Super 35mm Shooting 401
Recording File Number (Still) 402
Forced File Number Reset Enable Status 402
Recording Setting File Name 403
Recording Folder Format 403
StreamSettingList Operation Enable Status 404
Write Copyright Info 404
Set Photographer 405
Set Copyright 405

File Settings Camera ID 406
File Settings Reel Number 407
File Settings Camera Position 408
ContentInfoList Enable Status (SLOT1) 408
ContentInfoList Enable Status (SLOT2) 409
ContentInfoList regenerate time (SLOT1) 409
ContentInfoList regenerate time (SLOT2) 410
PostView Transfer Resource Status 410
Create New Folder (Still) Enable Status 411
File Settings Title Name Settings 411
Microphone directivity 412
Grid Line Display 412
Product Showcase Set 413
Amount of Defocus Setting 413
Cinematic Vlog Setting 414
Cinematic Vlog Look 414
Cinematic Vlog Mood 415
Cinematic Vlog AF Transition Speed 416
Face Priority in Multi Metering 416
Subject Recognition Person Tracking Subject Shift Range 417
Subject Recognition Animal+Bird Priority 417
Subject Recognition Animal+Bird Detection Parts 418
Subject Recognition Animal (Still) Tracking Subject Shift Range 418
Subject Recognition Animal (Still) Tracking Sensitivity 419
Subject Recognition Animal (Still) Detection Sensitivity 419
Subject Recognition Animal (Still) Detection Parts 420
Subject Recognition Bird Tracking Subject Shift Range 420
Subject Recognition Bird Tracking Sensitivity 421
Subject Recognition Bird Detection Sensitivity 421
Subject Recognition Bird Detection Parts 422
Subject Recognition Insect Tracking Subject Shift Range 423
Subject Recognition Insect Tracking Sensitivity 423
Subject Recognition Insect Detection Sensitivity 424
Subject Recognition Car/Train Tracking Subject Shift Range 424
Subject Recognition Car/Train Tracking Sensitivity 425
Subject Recognition Car/Train Detection Sensitivity 425
Subject Recognition Plane Tracking Subject Shift Range 426
Subject Recognition Plane Tracking Sensitivity 426
Subject Recognition Plane Detection Sensitivity 427
Subject Recognition Priority on registered face 427
Monitor Brightness Type 428
Monitor Brightness Manual 428
TC/UB Display Setting 429
Gamma Display Assist 429
Gamma Display Assist Type 430
Flash Compensation 430
Dynamic Range Optimizer 431
Image Size 432
Total Battery Remaining 433
Total Battery Level Indicator 433
OSD Image Mode 434
Camera Button Function capability 435
Camera Button Function Multi capability 436
Camera Dial Function capability 437

Camera Lever Function capability 438
Camera Button Function Status 438
Shutter Speed 439
Battery Level Indicator 439
Color Temperature 440
Biaxial Fine-Tuning G-M Direction 441
Aspect Ratio 441
Focus Indication 442
Predicted Maximum File Size 443
Shooting File Info 443
Auto FTP Transfer Target (Still) 444
AELock Indication 444
Battery Remaining 445
Picture Effect 445
Biaxial Fine-Tuning A-B Direction 447
Movie Recording State 447
ISO Sensitivity 448
FELock Indication 452
Audio Signals (Start/End) 453
Live View Status 453
Still Image Save Destination 454
Date/Time Setting 454
Protect Image in FTP Transfer 455
Auto Recognition Target Candidates 455
Focus Area 456
Live View Display Effect 457
Auto Recognition Target Setting 458
Near/Far Enable Status 458
Exposure Step 459
Pixel Shift Shooting Mode 459
Pixel Shift Shooting Number 460
Pixel Shift Shooting Interval 460
Pixel Shift Shooting Status 461
Progress Number of Pixel Shift Shooting 462
Picture Profile 463
Creative Style 464
File Format (Movie) 465
Recording Setting (Movie) 466
Media SLOT1 Status 468
Media SLOT1 Remaining number shots 469
Media SLOT1 Remaining shooting time 469
Focal position 470
AWBLock Indication 471
Interval REC (Still) Mode 471
Interval REC (Still) Status 472
Device Overheating State 472
Still Image Quality 473
File Format (Still) 473
Focus Magnifier Setting 474
AF Tracking Sensitivity (Still) 475
Media SLOT2 Status 475
Media SLOT2 Remaining number shots 476
Media SLOT2 Remaining shooting time 477
Position Key Setting 477

Zoom Operation Enable Status 478
Zoom Scale 478
Zoom Bar Information 479
Zoom Speed Range 480
Zoom Setting 481
Zoom Type Status 482
Wireless Flash Setting 482
Red Eye Reduction 483
Remote Control Restriction Status 483
Live View Area (x, y) 484
Still Image Trans Size 484
RAW+J PC Save Image 485
Live View Image Quality 485
Custom WB Capturable Area (x, y) 486
Custom WB Capture Frame Size (x, y) 487
Custom WB Capture Standby Operation 487
Custom WB Capture Standby Cancel Operation 488
Custom WB Capture Operation 488
Custom WB Execution State 489
Camera-Setting Save Operation 489
Camera-Setting Read Operation 490
Camera-Setting Save/Read State 490
FTP-Setting Save Operation 491
FTP-Setting Read Operation 491
FTP-Setting Save/Read State 492
LiveViewURL 492
Media SLOT1 Format Enable Status 493
Media SLOT2 Format Enable Status 493
Media Format Progress Rate 494
Select FTP Server 494
FTP Connection Status 495
FTP Connection Error Info 496
High Resolution SS Setting 497
High Resolution Shutter Speed 497
Function of Touch Operation 498
Remote Touch Operation Enable Status 499
Cancel Remote Touch Operation Enable Status 499
Recording Frame Rate Setting (Movie) 500
Compression File Format (Still) 502
RAW File Type 502
Media Slot1 RAW File Type 503
Media Slot2 RAW File Type 503
Media Slot1 File Format (Still) 504
Media Slot2 File Format (Still) 505
Media SLOT1 Image Quality 505
Media SLOT2 Image Quality 506
Media SLOT1 Image Size 506
Media SLOT2 Image Size 507
Media SLOT1 Quick Format Enable Status 509
Media SLOT2 Quick Format Enable Status 509
Cancel Media Format Enable Status 510
Contents Transfer Enable Status 510
Save Zoom and Focus Position 511
Load Zoom and Focus Position 511

Remote Control Zoom Speed Type 512
APS-C or Full Switching Setting 512
APS-C or Full Switching Enable Status 513
Movie Rec Self timer 513
Movie Rec Self timer Count time 514
Paint/Look Multi Matrix Area Indication 514
Movie Rec Self timer Continuous 515
Movie Rec Self timer Status 515
Focus Bracket Shot Num 516
Focus Bracket Focus Range 516
Bulb Timer Setting 517
Bulb Exposure Time Setting 518
Elapsed Bulb Exposure Time 518
Remaining Bulb Exposure Time 519
Remaining Noise Reduction Time 519
Monitor LUT Setting Output Dest Assign 520
Monitor LUT Setting 1 521
Monitor LUT Setting 2 521
Monitor LUT Setting 3 522
AF Track for Speed Change 523
Monitoring Output Display Setting Dest Assign 523
Monitoring Output Display Setting 1 524
Monitoring Output Display Setting 2 524
UserBaseLook Output 525
Play Set of Multi. Media 526
Video Stream Bit Rate VBR Mode 526
Recording File Number (Movie) 527
Flicker Scan Status 527
Flicker Scan Enable Status 528
Tele/Wide Lever Value capability 528
Target Streaming Destination Select 529
Stream Display Name 530
Video Stream Max Bit Rate 530
Movie Shooting Mode 531
Movie Shooting Mode Color Gamut 531
Movie Shooting Mode Target Display 532
Focus TouchSpot Status 532
Focus Tracking Status 533
Shutter ECS Setting 533
Shutter ECS Number 534
Shutter ECS Frequency 534
Depth of Field Adjustment Mode 535
Depth of Field Adjustment Interlocking Mode State 535
Recorder Clip Name 536
Recorder Control Main Setting 536
Recorder Control Proxy Setting 537
Recorder Start Main 538
Recorder Start Proxy 538
Recorder Main Status 539
Recorder Proxy Status 539
Recorder Ext Raw Status 540
Recorder Save Destination 541
Button Assignment Assignable.1 541
Button Assignment Assignable.2 542

Button Assignment Assignable.3 543
Button Assignment Assignable.4 543
Button Assignment Assignable.5 544
Button Assignment Assignable.6 545
Button Assignment Assignable.7 546
Button Assignment Assignable.8 546
Button Assignment Assignable.9 547
Button Assignment Assignable.10 548
Button Assignment LensAssignable.1 549
SceneFile Index 549
Current SceneFile Edited 550
Movie Play Button 551
Movie Play Pause Button 551
Movie Play Stop Button 552
Movie Forward Button 552
Movie Rewind Button 553
Movie Next Button 553
Movie Prev Button 554
Movie RecReview Button 554
Assignable Button 1 555
Assignable Button 2 555
Assignable Button 3 556
Assignable Button 4 556
Assignable Button 5 557
Assignable Button 6 557
Assignable Button 7 558
Assignable Button 8 558
Assignable Button 9 559
Assignable Button 10 559
LensAssignable Button 1 560
Assignable Button Indicator 1 560
Assignable Button Indicator 2 561
Assignable Button Indicator 3 561
Assignable Button Indicator 4 562
Assignable Button Indicator 5 562
Assignable Button Indicator 6 563
Assignable Button Indicator 7 563
Assignable Button Indicator 8 564
Assignable Button Indicator 9 564
Assignable Button Indicator 10 565
LensAssignable Button Indicator 1 565
Zoom Position Setting 566
Zoom Position Current Value 566
Focus Position Setting 567
Focus Position Current Value 568
Focus Mode status 568
Focus Operation with INT16 Enable Status 569
Audio Input CH1 Level Control 569
Audio Input CH2 Level Control 570
Audio Input CH3 Level Control 570
Audio Input CH4 Level Control 571
Audio Input CH1 Level 571
Audio Input CH2 Level 572
Audio Input CH3 Level 572

Audio Input CH4 Level 573
Audio Input Master Level 573
Audio Input CH1 Input Select 574
Audio Input CH2 Input Select 574
Audio Input CH3 Input Select 575
Audio Input CH4 Input Select 576
Audio Input CH1 Wind Filter 576
Audio Input CH2 Wind Filter 577
Audio Input CH3 Wind Filter 577
Audio Input CH4 Wind Filter 578
Audio Output HDMI Monitor CH 578
Pan-Tilt Acceleration Ramp Curve 579
Remote Key Thumbnail Button 579
Remote Key SLOT Select Button 580
Movie Rec Button (Toggle) Enable Status 580
Video Rec Format Bitrate Setting 581
Valid Rec Video Format 581
Monitoring Output Format 583
AF Area Position(x,y) (AF-C) 584
Image Stabilization Level (Movie) 585
Control General SettingFile Enable Status 585
Movie Trimming Transfer Support Information 586
Function of Remote Touch Operation 589
AF Assist 590
Lens Information Enable Status 590
Follow Focus Position Setting 591
Follow Focus Position Current Value 591
Button Assignment Assignable.11 592
Assignable Button 11 593
Assignable Button Indicator 11 593
Focus Speed Direct Sync 594
Movie Quality FullAuto Mode 594
De-Squeeze Display Ratio 595
IR Remote Setting 595
IP Setup Protocol Setting 596
Movie Rec Review Playing State 596
Audio Input1 Type Select 597
Audio Input2 Type Select 597
Camera Power Status 598
Recordable Power Sources 598
Video Rec Format Quality 599
Pan Position Current Value 600
Pan Position Status 600
Tilt Position Current Value 601
Tilt Position Status 601
Pan Limit Range Minimum 602
Pan Limit Range Maximum 603
Tilt Limit Range Minimum 603
Tilt Limit Range Maximum 604
Pan Limit Mode 605
Tilt Limit Mode 605
ControlPTZF Binary Version 606
Preset PTZF Number of Slots 606
SetPresetPTZF Binary Version 607

Enlarge Screen Setting 607
Live View Image Quality by Numerical Value 608
Red Tally Lamp Control 608
Green Tally Lamp Control 609
Yellow Tally Lamp Control 609
Debug Mode 610
Wind Noise Reduct for External Mic. 610
Noise Cut Filter 611
Noise Cut Filter for External Mic. 611
ContentInfoList update time (SLOT1) 612
ContentInfoList update time (SLOT2) 612
CompRAW Shooting HDR 613
CompRAW Shooting HDR DR Setting 613
CompRAW Shooting HDR RAW File Type 614
CompRAW Shooting HDR Number of Sheets 615
Call Setting 615
Manual Input for ND Filter Value 616
Log Shooting Mode (Still) 616
Log Shooting Mode Color Gamut (Still) 617
ND Filter Position Setting 617
SceneFile Command Version 618
Eframing Tracking Start Mode 618
Eframing Production Effect 619
DeleteContent Operation Enable Status (SLOT1) 619
DeleteContent Operation Enable Status (SLOT2) 620
Different Set for S&Q/Mv 620
Angle of view Priority (Movie) 621
Eframing Auto Framing 622
SceneFile Indexes Available for Download 622
Shooting Enable Setting (License) 623
Maximum Size of Image ID String 623
Digital Extender Magnification Setting 624
SceneFile Upload Operation Enable Status 624
SceneFile Download Operation Enable Status 625
Monitor DISP (Screen Display) Mode Candidates(Still) 625
Monitor DISP (Screen Display) Mode Setting(Still) 626
Monitor DISP (Screen Display) Mode(Still) 627
Monitor DISP (Screen Display) Mode Candidates(Movie) 628
Monitor DISP (Screen Display) Mode Setting(Movie) 629
Monitor DISP (Screen Display) Mode(Movie) 629
Grid Line Display (Playback) (License) 630
Grid Line Type 631
CustomGridLineFile Command Version (License) 631
Home Menu Setting(Lower Left) 632
Stream Button Enable Status 633
Peaking Display 633
Peaking Level 634
Peaking Color 634
Zebra Display 635
Zebra Level 635
Zebra Level Type (Custom) 636
Zebra Level Standard (Custom) 637
Zebra Level Range (Custom) 637
Zebra Level Lower Limit (Custom) 638

Marker Display 638
Center Marker Display 639
Aspect Marker Ratio (Movie) 639
Safety Zone Display 640
Guideframe Display 641
Dual Gain 641
Imager Mode 642
Display Quality (Finder) 643
Display Quality (Monitor) 644

Controls 645

Shutter Half-Release (S1) Button 645
Shutter Release (S2) Button 645
AEL Button 646
Movie Rec Button (Hold) 646
FEL Button 647
Remote Key UP 647
Remote Key DOWN 648
Remote Key LEFT 648
Remote Key RIGHT 649
Near/Far 649
AWBL Button 650
AF Area Position (x, y) 650
Zoom Operation 651
Custom WB Capture Standby 652
Custom WB Capture Standby Cancel 652
Custom WB Capture 653
Selected Media Format 653
High Resolution SS Adjust 654
Remote Touch Operation (x, y) 655
Cancel Remote Touch Operation 655
S1 & S2 Button 656
Cancel Media Format 656
Save Zoom and Focus Position 657
Load Zoom and Focus Position 657
APS-C or Full Switching 658
Color Temperature Step 658
White Balance Tint Step 659
Reset Multi Matrix 660
Focus Operation 660
High Resolution SS Adjust In Integral Multiples 661
Flicker Scan 661
Set PresetInfo ZoomOnly Value 662
REC Settings Reset 663
ContShootSpotBoost Button 663
Remote Key Cancel Back Button 664
Remote Key Display Button 664
Remote Key SET 665
Remote Key RIGHT UP 665
Remote Key RIGHT DOWN 666
Remote Key LEFT UP 666
Remote Key LEFT DOWN 667
Movie Rec Button (2nd) (Toggle) 667
Remote Key Menu Button 668

Pixel Mapping 668
Power Off 669
Time Code Preset Reset 669
User Bit Preset Reset 670
Sensor Cleaning 670
Reset Picture Profile 671
Reset Creative Look 672
Stream Button 672
Camera Button Function 673
Camera Button Function Multi 673
Camera Dial Function 674
Camera Lever Function 675
Tracking On + AF On Button 675
Forced File Number Reset 676
Set PostView Enable 676
Set LiveView Enable 677
Create New Folder(still) 678
Camera Standby 678
Power On 679
Shutter ECS Number Step 679
Movie Rec Button (Toggle) 680
Cancel Focus Position 680
Zoom Operation with INT16 681
Focus Operation with INT16 681
Cancel Zoom Position 682
USB Connection Mode Request 682
Preset PTZF Recall 683

Events 684

StoreAdded 684
StoreRemoved 684
SDIE_ObjectAdded 684
SDIE_ObjectRemoved 684
SDIE_DevicePropChanged 685
SDIE_DateTimeSettingResult 685
SDIE_CapturedEvent 685
SDIE_CWBCapturedResult 686
SDIE_CameraSettingReadResult 686
SDIE_FTPSettingReadResult 687
SDIE_MediaFormatResult 687
SDIE_ContentsTransferEvent 687
SDIE_ZoomandFocusPositionEvent 688
SDIE_DisplayListChangedEvent 688
SDIE_MediaProfileChanged 688
SDIE_ControlJobListEvent 689
SDIE_ControlUploadDataResult 689
SDIE_ZoomPositionResult 691
SDIE_FocusPositionResult 691
SDIE_ControlGeneralSettingResult 692
SDIE_LensInformationChanged 692
SDIE_FirmwareUpdateCheckResult 693
SDIE_FirmwareUpdateEvent 693
SDIE_StreamStatusEvent 694
SDIE_OperationResults 694

SDIE_AFStatus 695
SDIE_MovieRecOperationResults 695
SDIE_PresetInfoListChanged 696
SDIE_CautionDisplayEvent 696
SDIE_ContentInfoListChanged 696
SDIE_ControlPTZFResult 697
SDIE_PresetPTZFEvent 697
SDIE_DeleteContentResult 698

Data Format 699

FocalFrameInfo 699
DisplayStringList 701
LensInformation 702
FTPSettingList 702
FTPJobList 703
OSDImageMetaInfo 706
ControlPTZF 706
SetPresetPTZF 707
FirmwareUpdateInfo 708
StreamSettingList 708
EframingCommand 710
ContentInfoList 711
PresetInfoList 715
FTPResultDataset 715
AreaTimeZoneDataset 716
LicenseInfoListDataset 716

Tips 718

Linking GPS Information with Shooting Images 718
Import (Upload) the Cube File (LUT data) 720
Perform a Firmware Update 720
PTZF Operation 725
Detailed SDIO_ControlPTZF Usage 726
Preset PTZF Operation 727
Remote Control with Transfer Mode 728
CameraSetting File 732

More Information 740

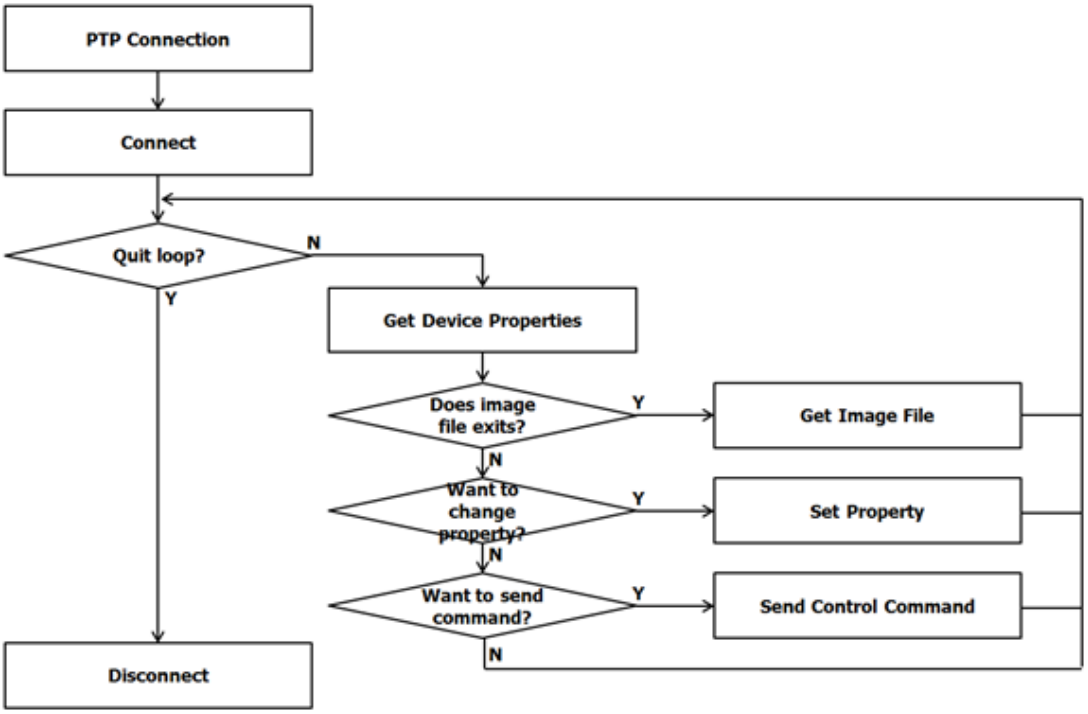
Trademarks and Acknowledgements 740

Overview

The “Camera Control PTP” is based on PTP (Picture Transfer Protocol), MTP (Media Transfer Protocol), and PTP-IP (PTP over TCP/IP networks). It uses the PTP vendor extended commands. All vendor-extended operations are prefixed with `SDIO_` and events with `SDIE_` in this document. This document lists the command specifications and explains how to use the “Camera Control PTP” function. Please refer to the PIMA 15740 standard, the USB Still Image Capture Device definition, the Media Transfer Protocol Spec document, and the CIPA DC-005-2005 standard for further explanations on these protocols.

"Camera Control PTP" operates with the same sequence and commands after establishing a PTP or PTP-IP connection. For details on IP connections, please refer to For Connections Using PTP-IP.

The “Camera Control PTP” sequence consists of the following parts: connect, get device properties, get image files, set device properties, and send control commands. The protocol is described in detail in the following pages. Here is an overall sequence.



In this communication sequence, the Initiator, such as the PC application software, should not use PTP vendor events because earlier camera models do not guarantee that all events are delivered. The Initiator must periodically obtain the properties (status) of the Responder, that is, the camera, if the Responder and Initiator are not busy, such as when transferring image files. Events are suitable if the application only targets recent camera models (2019 or later). In this case, ensure that your application constantly receives all the USB queue buffers; otherwise, some events may be dropped.

To obtain these properties, use SDIO_GetAllExtDevicePropInfo. The property structure includes all available camera statuses (such as shutter speed, F-number, ISO), information about queued images in the transfer buffer in the camera, and each property’s enabled/disabled status.

After obtaining the properties, the Initiator should check whether the image file exists. If it exists, the Initiator should obtain it immediately using the PTP standard operation GetObject.

The Initiator can change some property values in the camera by sending a set property command, SDIO_SetExtDevicePropValue.

To capture the picture, start recording the movie, lock AE or AF, and the Initiator sends Controls to the camera with SDIO_ControlDevice.

The protocol is described in detail in the following section.

For Connections Using PTP-IP

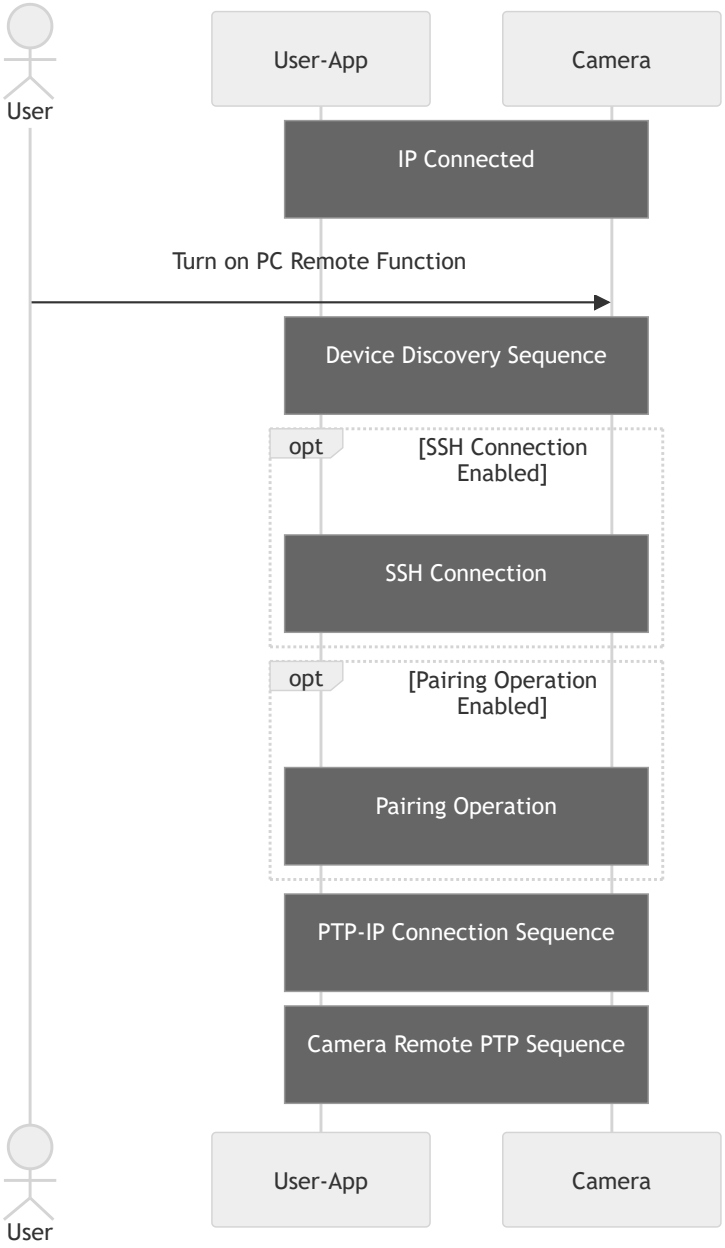
PTP-IP is available when connected via Wi-Fi Direct (AP Mode), Wi-Fi ST Mode, or Wired LAN. The designated port number for PTP-IP is TCP 15740 (for SSH connections, please refer to Connection by SSH).
For detailed information regarding the connection interface, please refer to the help guide for each model.
When connecting via PTP-IP, the following settings must be set on the camera:
In ILCE-1, you need to turn on the Remote Shooting setting as follows:

- Please set "Network > Cnct./Remote Sht. > Remote Shoot Function > Remote Shooting" to "On".

In pan/tilt type cameras, you need to turn on the SSH setting as follows:

- Please set "Network > SSH > SSH Setting" to "On".

For other models, refer to the "PC Remote Function" in the Help Guide. The overall sequence leading up to a PTP-IP connection proceeds as follows:



Device Discovery

Device discovery uses UPnP. Receive the service name USN urn:schemas-sony-com:service:DigitalImaging and retrieve the dd.xml (Device Description file).

Example SSDP header:

```
NOTIFY * HTTP/1.1
HOST: 239.255.255.250:1900
CACHE-CONTROL: max-age=1800
LOCATION: http://192.168.122.1:80/dd.xml
NT: urn:schemas-sony-com:service:DigitalImaging:1
NTS: ssdp:alive
SERVER: UPnP/1.0 SonyImagingDevice/1.0
USN: uuid:00000000-0000-0000-0000-000000000000::urn:schemas-sony-com:service:DigitalImaging:1
```

From dd.xml, confirm `friendlyName` and `UDN`, and obtain the path to DigitalImagingDesc.xml from the `SCPDURL` tag.

Example of dd.xml:

```
<root xmlns="urn:schemas-upnp-org:device-1-0"
      xmlns:dlna="urn:schemas-dlna-org:device-1-0"
      xmlns:av="urn:schemas-sony-com:av">
    <specVersion>
        <major>1</major>
        <minor>0</minor>
    </specVersion>
    <device>
        <deviceType>urn:schemas-upnp-org:device:Basic:1</deviceType>
        <friendlyName>ILCE-1</friendlyName>
        <manufacturer>Sony Corporation</manufacturer>
        <manufacturerURL>http://www.sony.com/</manufacturerURL>
        <modelDescription>SonyRemoteCamera</modelDescription>
        <modelName>SonyImagingDevice</modelName>
        <modelURL>http://www.sony.net/</modelURL>
        <UDN>uuid:00000000-0000-0000-0000-000000000000</UDN>
        <serviceList>
            <service>
                <serviceType>urn:schemas-sony-com:service:DigitalImaging:1</serviceType>
                <serviceId>urn:schemas-sony-com:serviceId:DigitalImaging</serviceId>
                <SCPDURL>/DigitalImagingDesc.xml</SCPDURL>
                <controlURL>/upnp/control/DigitalImaging</controlURL>
                <eventSubURL/>
            </service>
        </serviceList>
        <av:X_ScalarWebAPI_DeviceInfo xmlns:av="urn:schemas-sony-com:av">
            <av:X_ScalarWebAPI_ImagingDevice>
                <av:X_ScalarWebAPI_LiveView_URL>
                    http://192.168.122.1:60152/liveviewstream
                </av:X_ScalarWebAPI_LiveView_URL>
                <av:X_ScalarWebAPI_DefaultFunction>
                    RemoteShooting
                </av:X_ScalarWebAPI_DefaultFunction>
            </av:X_ScalarWebAPI_ImagingDevice>
        </av:X_ScalarWebAPI_DeviceInfo>
    </device>
</root>
```

DigitalImagingDesc.xml

The DigitalImagingDesc.xml file contains details about the service. This section explains the key tags necessary for PTP-IP connection. If a tag does not exist, the function is not supported.

- `X_DigitalImagingDeviceInfo`: Contains device information.
  - `X_ModelName`: Model name of the device.
  - `X_ServerVersion`: Server version; versions 3.00 and above support PTP-IP.

    - X_SerialVersion: The camera's serial number.
- X_PTP_Information: Provides PTP-related information.
    - X_PTP_Versions: Supported PTP version.
    - X_PTP_PairingNecessity: Pairing operation information; if 'Necessary', pairing operation is required.
    - X_PTP_MediaServerSupport: If 'Enable,' supports Contents Transfer Mode.
    - X_PTP_RemoteControlSupport: If 'Enable,' supports Remote Control Mode.
- X_ConnectionInfo: Contains connection information.
    - X_SSH_Support: SSH connection information; if 'Enable,' SSH connection is required.

Example DigitalImagingDesc.xml:

```
<scpd xmlns="urn:schemas-upnp-org:service-1-0">
    <specVersion>
        <major>1</major>
        <minor>0</minor>
    </specVersion>
    <serviceStateTable>
        <stateVariable sendEvents="no">
            <name>X_DigitalImagingDeviceInfo</name>
            <dataType>string</dataType>
        </stateVariable>
    </serviceStateTable>
    <X_DigitalImagingDeviceInfo>
        <X_DeviceInfo>
            <X_ModelName>ILCE-1</X_ModelName>
            <X_FirmwareVersion>2.02</X_FirmwareVersion>
            <X_ServerType>Control with Smartphone</X_ServerType>
            <X_ServerVersion>3.01</X_ServerVersion>
            <X_MacAddress>00:00:00:00:00:00</X_MacAddress>
            <X_SerialVersion>00000000</X_SerialVersion>
        </X_DeviceInfo>
        <X_DeviceCapability>
            <X_Bluetooth_4.0>
                <X_Function name="LocationInfoFromSmartPhone" version="1.1"/>
                <X_Function name="RemotePowerControl" version="1.0"/>
                <X_Function name="WifiPowerControl" version="1.0">Enable</X_Function>
            </X_Bluetooth_4.0>
        </X_DeviceCapability>
        <X_DeviceRestriction>
            <X_PostViewOnContinuousShooting/>
        </X_DeviceRestriction>
        <X_PTP_Information>
            <X_PTP_Versions>3.00</X_PTP_Versions>
            <X_PTP_PairingNecessity>Unnecessary</X_PTP_PairingNecessity>
            <X_PTP_MediaServerSupport>Enable</X_PTP_MediaServerSupport>
            <X_PTP_RemoteControlSupport>Enable</X_PTP_RemoteControlSupport>
        </X_PTP_Information>
        <X_ConnectionInfo>
            <X_SSH_Support>Disable</X_SSH_Support>
        </X_ConnectionInfo>
```

```
    </X_DigitalImagingDeviceInfo>
</scpd>
```

Connection by SSH

SSH can be used for access authentication, connection path encryption, and host verification. For camera compatibility, refer to DigitalImagingDesc.xml.

It is recommended to enable SSH connections. Please review the license agreement carefully and use this product at your own risk. Sony cannot make any warranty on this product including its security.

If SSH connections are enabled, PTP-IP connections to TCP port 15740 are not possible. A PTP-IP connection must always be established in a port-forwarded local port via an SSH connection.

How to Use SSH Connections

- Prepare an SSH client.
- Perform SSH port forwarding to the camera's `localhost:15740` (SSH port number is 22).
- Do not execute SSH remote commands.
- Set SSH user/password in the network settings for access authentication.
- The supported encryption cipher is `aes128-ctr`.

When connecting via SSH, refer to the access authentication information fingerprint to ensure a match.

Example using OpenSSH command:

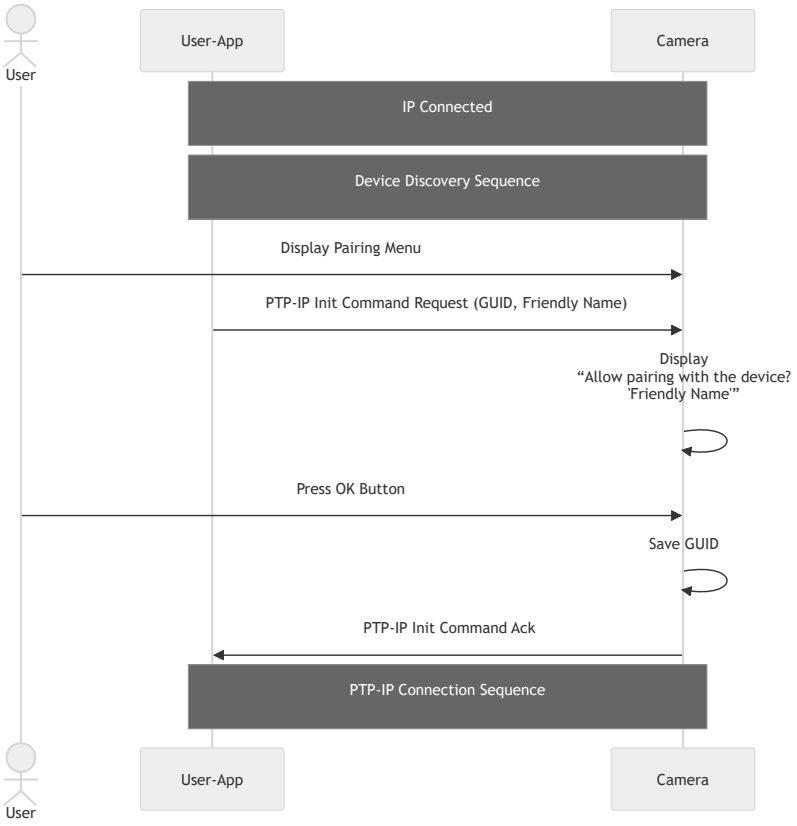
```
ssh -c aes128-ctr -N -L 15740:localhost:15740 UserName@192.168.122.1
```

Note: The command above establishes an SSH tunnel with port forwarding, where `-c aes128-ctr` specifies the encryption cipher and `-N` indicates that no remote commands Initiate the PTP-IP connection using the port-forwarded `localhost:15740`.

Connection by Pairing

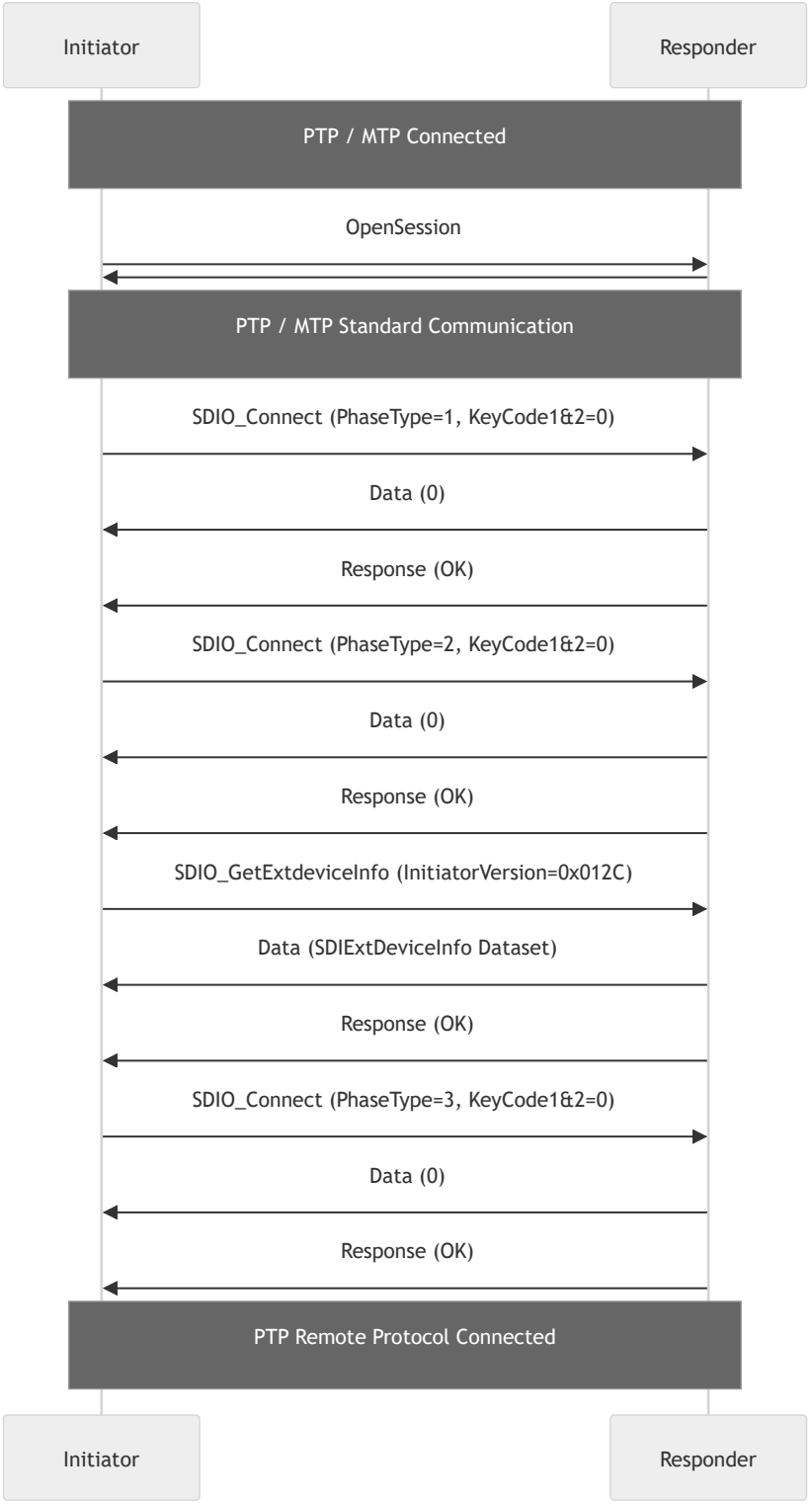
If X_PTP_PairingNecessity is set to 'Enable' in DigitalImagingDesc.xml, the pairing operation is required. This operation is necessary for models that do not support SSH, or when SSH functionality is turned off (Access Authen set to off).

For details of the pairing operation, please refer to the help guide for the specific model. Initiate PTP-IP connection with the pairing menu displayed on the camera. In response to the Init Command Request from the Initiator, the camera displays the 'Friendly Name' provided by the initiator and requests connection access. The connection is permitted only if the user grants permission via the camera, at which point an Init Command Ack is sent, allowing the PTP-IP connection sequence to continue. The camera saves the GUID once it is approved, which is only necessary for the first connection because up to 20 entries can be stored.


User
User-App
Camera
IP Connected
Device Discovery Sequence
Display Pairing Menu
PTP-IP Init Command Request (GUID, Friendly Name)
Display
“Allow pairing with the device?
'Friendly Name'”
Press OK Button
Save GUID
PTP-IP Init Command Ack
PTP-IP Connection Sequence
User
User-App
Camera

Connect

Authentication Sequence:



After the connection between the Initiator and the camera has been established, the Initiator must initiate a connection protocol using SDIO_Connect and SDIO_GetExtDeviceInfo.

The Initiator must send SDIO_Connect twice at the beginning.

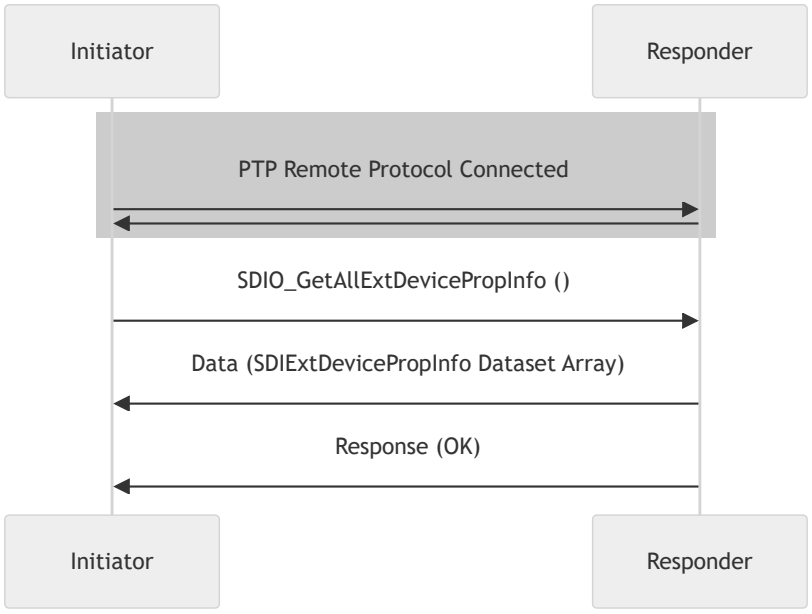
In the first call, `PhaseType` should be `0x01` and `0x02` in the second. Subsequently, SDIO_GetExtDeviceInfo should be sent. The Initiator can obtain the protocol version using the response code; if the version is okay, call SDIO_Connect again and establish the connection.

When SDIO_GetExtDeviceInfo fails (returned data size is zero), retry until successful. After succeeding, SDIO_Connect must be executed with `PhaseType=0x03`.

Camera Control PTP has its version defined by its specifying functions. This version will change if a supporting function in any command or property changes. The Initiator can check the “Extension Version” in the response code of SDIO_GetExtDeviceInfo and confirm it is equal to `0x012C`. Camera functionalities vary among firmware. The Initiator should check the array of properties and control codes.

Get Property

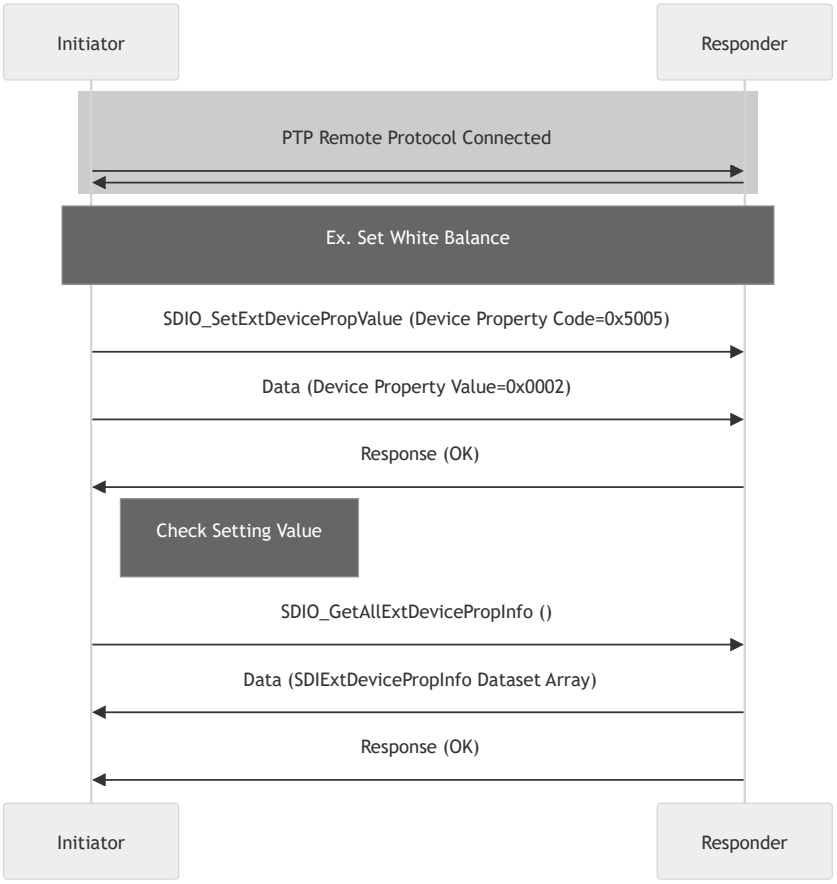
Get Camera Setting Sequence:



After connection to the camera, send SDIO_GetAllExtDevicePropInfo to obtain the camera status, the list of available properties, and the range of values for each property. The host shall parse the SDIExtDevicePropInfo Dataset Array returned by the camera and search for the desired property.

Set Property

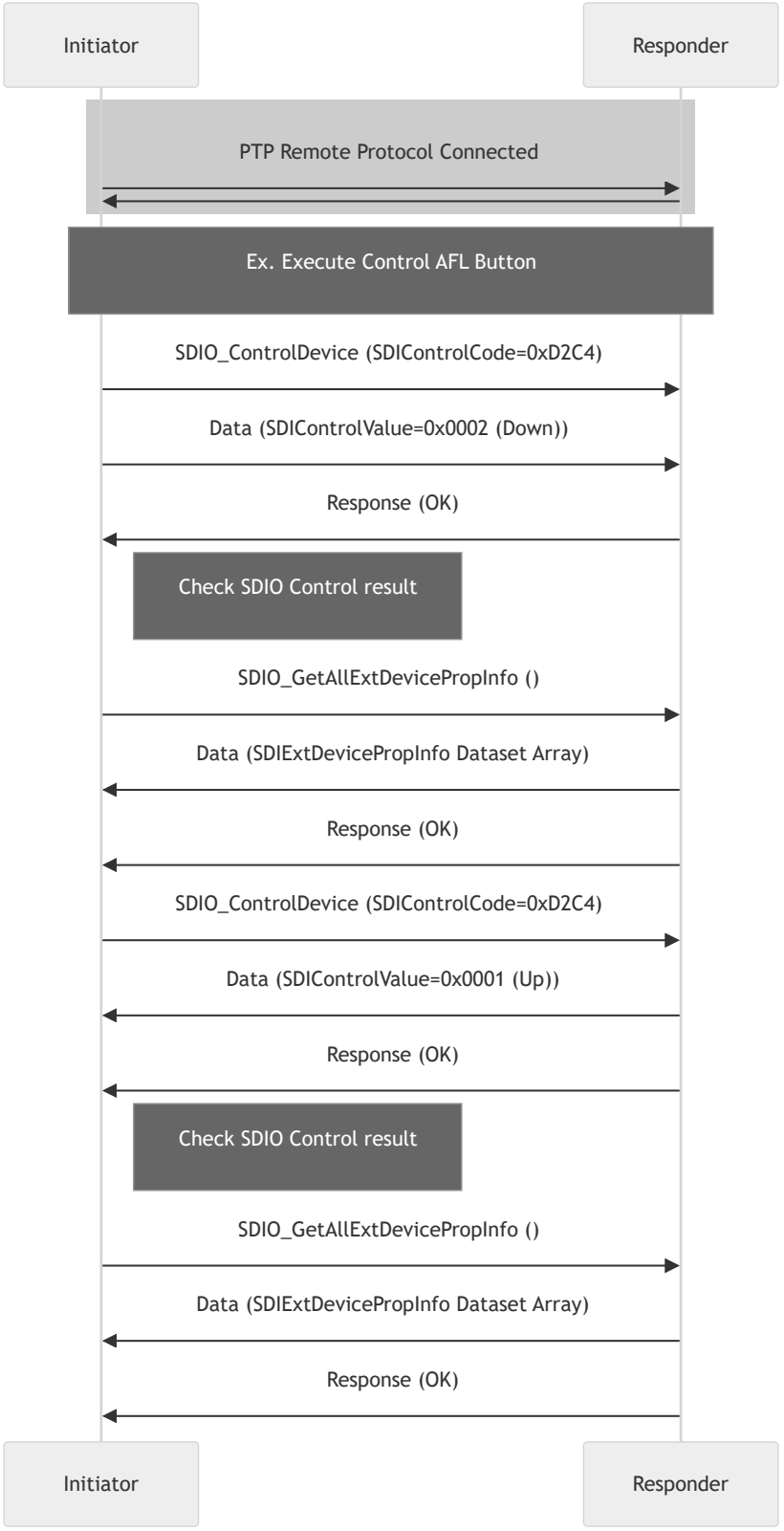
Set Camera Setting Sequence:



The Initiator can set a property value by SDIO_SetExtDevicePropValue.

Send Control Command

Execute SDIO Control Code Sequence:



The Initiator can send a control command to a camera using SDIO_ControlDevice. To know all supported control commands, see the Controls section in the Command List chapter. Buttons such as shutter half-release (S1) and shutter release (S2) have an on/off status, whereas controls such as F-number and shutter speed have an up/down status with step value as a control value.

S1 indicates the half-pressing shutter release button, and S2 is the full-pressing shutter release button. Therefore, the Initiator can control the interval from push to release using the S2 on/off. But this should emulate the camera's hardware operation; the Initiator should call in proper order like S1 on → S2 on → S2 off → S1 off. If the Initiator does not send data in the proper order, the camera's behavior is not ensured. By contrast, a one-shot release command can be used independently. Therefore, that if the camera is in an acceptable mode (single-shot drive mode), the Initiator can send a one-shot release command anytime.

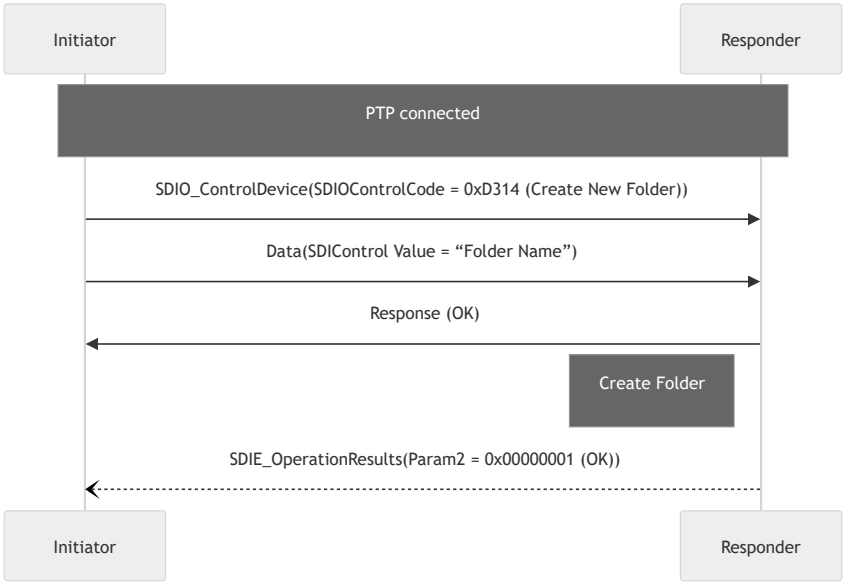
Note: The Initiator cannot obtain the shooting results. If the device property Shooting File Info is not zero, and the most significant bit (`0x8000`) is set, the camera shoots, and the image is stored in the buffer.

The Initiator can send a differential for up/down controls such as the F-number, shutter speed, ISO, exposure compensation, and flash compensation. For example, a differential is one step plus/minus or two steps plus/minus. The results of the change will only be sent to the Initiator if it queries the device property values again.

About Events

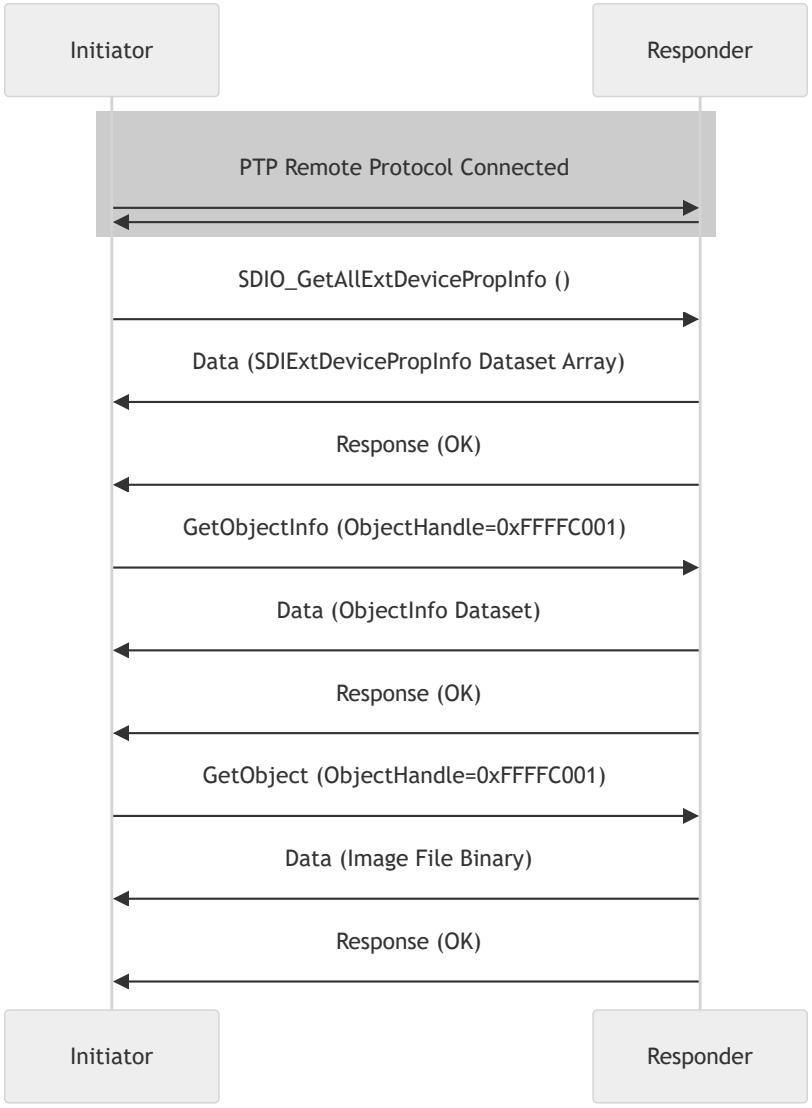
Camera Control PTP supports Events to notify various types of information. These Events are used to notify the Initiator when it is ready to issue commands, to inform about changes in the device's status, and to report the results of command execution, among other things.

Example sequence of creating a folder and awaiting its completion:



Get Image File

Get a File Sequence:



The Initiator uses the GetObject command to obtain the image file from the buffer. To obtain the image in the buffer, use `0xFFFFC001` as the object handle. This fixed value always indicates the first file to be transferred. The Initiator should get the same object handle repeatedly until the value of the device property Shooting File Info becomes zero.

GetObjectInfo (a PTP standard command) is also available. The Initiator can understand the file type based on the object-format value in the `ObjectInfo` structure.

In the DCF (Exif) specification, if the image file has “AdobeRGB” color space, the image file name should start with “_” (e.g., `_DSC0000.JPG`). However, the Initiator cannot obtain the color space information from GetObjectInfo. The Initiator then needs to parse the Exif tags in the image.

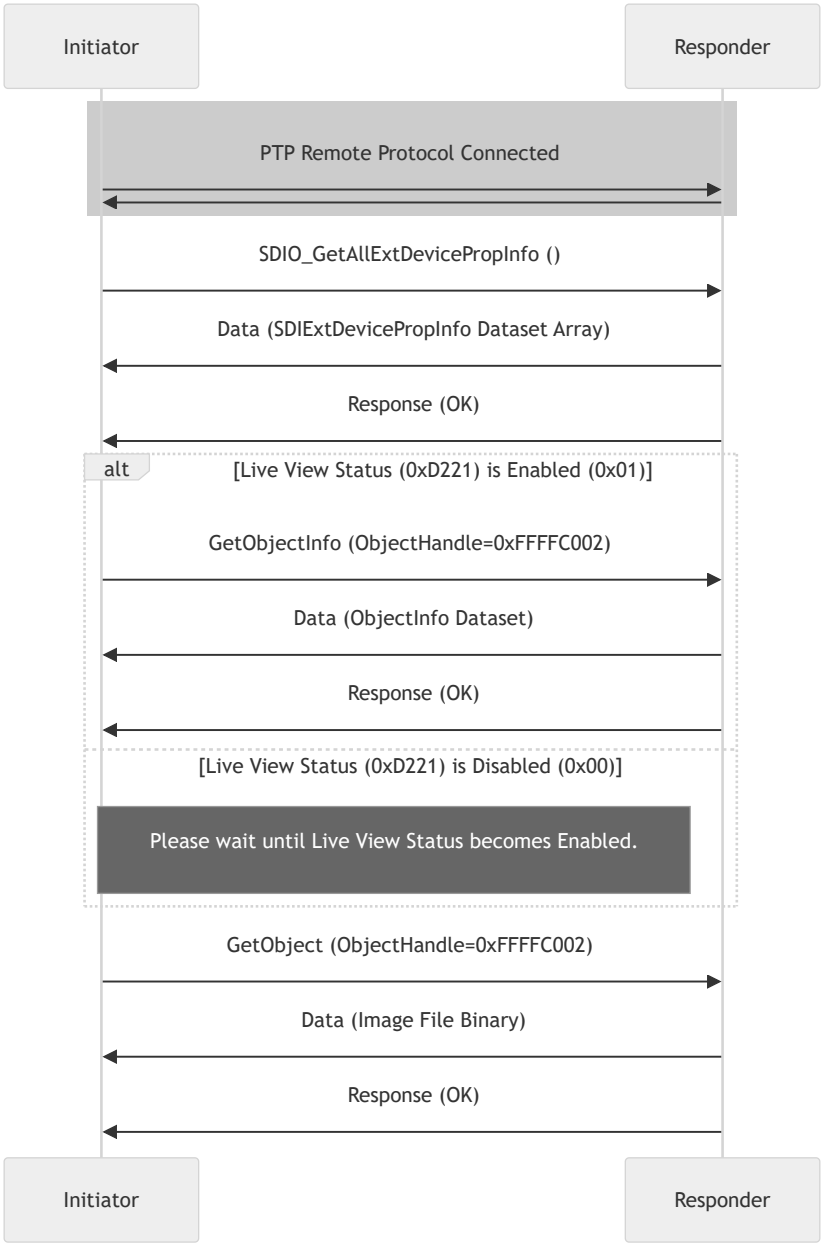
When the Initiator sets “RAW+JPEG” or “RAW+HEIF” as the file format, you might want to distinguish the pair of RAW and JPEG or RAW and HEIF. To do this, check the sequence number in the `ObjectInfo` structure that the Initiator can obtain using GetObjectInfo. The file order is JPEG/HEIF, then RAW. Therefore, if the image the Initiator receives is a RAW file, the previous image is a JPEG or HEIF file, and the sequence

numbers are the same, it would be the RAW and JPEG/HEIF pair. But the sequence number starts from the same value each time you turn on the camera; if you shoot one JPEG/HEIF via remote and turn off and on the camera, then you shoot one RAW, those JPEG/HEIF and RAW would have the same sequence number. Checking the Exif date time is necessary to distinguish the pair.

After shooting a still image, it must get an image like the “Get a File Sequence” above. It is necessary to obtain the device property Shooting File Info to confirm the number of images before content transfer. Images exist: GetObjectInfo and GetObject must be executed repeatedly the number of images times. No image: GetObjectInfo and GetObject need not be executed.

Live View

Live View Sequence:



The Initiator can obtain live-view images in the shooting mode. Refer to GetObject for the live view.

Live View for Pan/Tilt Type Cameras

Live View Sequence for pan/tilt type cameras:

The Live View sequence for the pan/tilt type cameras such as the BRC-AM7 or ILME-FR7, is different from the sequence described in Live View. To get live-view images from the one, you would need to check LiveViewURL (0xD278) and Live View Status (0xD221) device property values. By checking the LiveViewURL device property, you would need to set up the SSH local port forwarding towards the HTTP port which is present in LiveViewURL in advance so you can connect to the HTTP server that feeds live-view images. The following is the OpenSSH command example to establish a local port fowarding to the camera HTTP server.

```
ssh -c aes128-ctr -N -L 8080:localhost:8080 UserName@192.168.122.1
```

If the Live View Status value is set to Enabled (0x01), it indicates that now you can get the live-view images via the LiveViewURL. You can send the HTTP GET {path of LiveViewURL} method to the port-forwarded local port to get the live-view images in a continuous manner. The live-view images are HTTP chunks encoded in the form of LiveView Dataset. See the details of the data format of LiveView Dataset in GetObject.



The following are some of the reasons why the Live View Status value is Disabled (0x00) for the pan/tilt type cameras. For successful live-view image retrieval, you may need to eliminate the following conditions.

- Simultaneous connection numbers for the live-view image retrieval exceeds its max of 5 (including Web App Live viewer).
- HDMI monitor connected to the pan/tilt type cameras does not have the capability to display the configured Monitoring Output Format.
- The pan/tilt type cameras are under a standby state.

Live View Image Quality by Numerical Value Device Property

When monitoring live-view images, you may wish to adjust the image quality. Please be aware that higher resolution or image quality requires increased bandwidth for live-view monitoring.

For pan/tilt type cameras, the Live View Image Quality by Numerical Value device property enables you to control the quality of the live-view images. Increasing the value of this device property will enhance the quality of the live-view images.

Changing Live View Image Resolution

In addition to the aforementioned image quality device property, no straightforward way exists to change the resolution of live-view images via PTP Device Property for the pan/tilt type cameras. To modify the resolution, you will need to access the camera's Web App settings page. Please navigate to “Stream > Video Stream > Video Stream 3 > Size 3” and adjust the setting to your desired resolution. Please note that changing the Size 3 resolution will also affect the resolution of the live-view images displayed in the Web App Live viewer.

Movie Recording

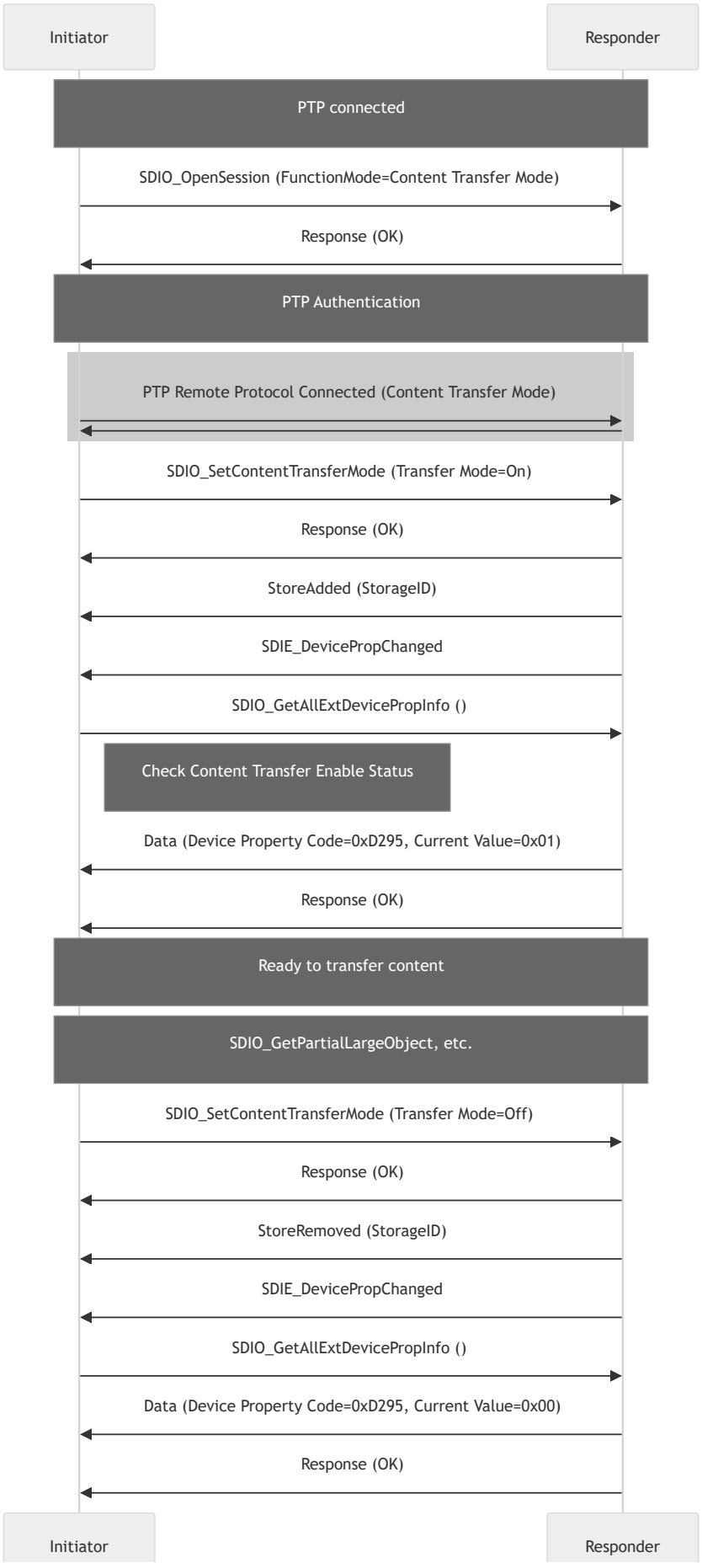
Recorded movie files are stored in the memory card in the camera.

Content Transfer Mode

To enter content transfer mode, use SDIO_OpenSession setting function mode to “Content Transfer Mode” and SDIO_SetContentsTransferMode. Content transfer mode is used to access the memory card and download its content to the host. While in content transfer mode, images cannot be captured, live view is unavailable, and properties and controls cannot be adjusted.

Models that support “Remote Control with Transfer Mode” allow both content transfer and remote control. For more details, refer to the Remote Control with Transfer Mode section in the Tips chapter.

Entering Content Transfer Mode Sequence:


Initiator
Responder
PTP connected
SDIO_OpenSession (FunctionMode=Content Transfer Mode)
Response (OK)
PTP Authentication
PTP Remote Protocol Connected (Content Transfer Mode)
SDIO_SetContentTransferMode (Transfer Mode=On)
Response (OK)
StoreAdded (StorageID)
SDIE_DevicePropChanged
SDIO_GetAllExtDevicePropInfo ()
Check Content Transfer Enable Status
Data (Device Property Code=0xD295, Current Value=0x01)
Response (OK)
Ready to transfer content
SDIO_GetPartialLargeObject, etc.
SDIO_SetContentTransferMode (Transfer Mode=Off)
Response (OK)
StoreRemoved (StorageID)
SDIE_DevicePropChanged
SDIO_GetAllExtDevicePropInfo ()
Data (Device Property Code=0xD295, Current Value=0x00)
Response (OK)
Initiator
Responder

Note: Switching between “Remote Control Mode” and “Content Transfer Mode” cannot be performed while connected. After disconnecting in each mode, reconnect in the desired mode.

Acquiring Content from Video Only Models

Video-only models (please refer to the README for applicable models) do not support “Content Transfer Mode.” In Video-only models, meta information such as recorded content are stored within “MediaProfile.” The camera notifies the user of the URL to obtain MediaProfile through the device properties : Media SLOT1 ProfileUrl, Media SLOT2 ProfileUrl and Media SLOT3 ProfileUrl. Please access the camera's localhost port after setting up SSH port forwarding. The ports used for the PTP-IP connections differ from those used for content retrieval. Determine the appropriate port number from the MediaProfile URL and set up the SSH port forwarding based on this information. For guidance on establishing SSH connections, please refer to Connection by SSH.

Please refer to the device property for each media slot (Media SLOTX ProfileUrl) for the URL.

Example URL: `http://localhost:8080/A/MEDIAPRO.XML`

Example MediaProfile:

```
<?xml version="1.0" encoding="UTF-8"?>
<MediaProfile
    xmlns="http://xmlns.sony.net/pro/metadata/mediaprofile"
    createdAt="2024-01-01T00:00:00+00:00"
    version="2.30">
    <Contents>
        <Material uri="./Clip/000_0001.MXF" type="MXF" offset="0" dur="470" fps="59.94p"
            aspectRatio="16:9" ch="8"
            videoType="AVC_3840_2160_H422IP@L52" audioType="LPCM24"
            umid="060A2B340101010501010D1300000000000000000000000000000000000000"
            status="none" flip="none">
            <Proxy uri="./Sub/000_0001S03.MP4" type="MP4" dur="470" fps="59.94p"
                aspectRatio="16:9" ch="2" videoType="AVC_Proxy_1920_1080_HP@L42"
                audioType="AAC-LC"
                umid="060A2B340101010501010D1300000000000000000000000000000000000001"
                flip="none"/>
            <RelevantInfo uri="./Clip/000_0001M01.XML" type="XML"/>
            <RelevantInfo uri="./Thmbnl/000_0001T01.JPG" type="JPG"/>
        </Material>
    </Contents>
</MediaProfile>
```

MEDIAPRO.XML lists the URIs for each content. You can check the “uri” attribute of arbitrary elements in the XML. The “uri” attribute in the elements of the MediaProfile XML indicates the location of the content relative to the MediaProfile URL. According to the above example, since the MediaProfile URL is `http://localhost:8080/A/MEDIAPRO.XML`, the “Material” file in the example XML would be located at `http://localhost:8080/A/Clip/000_0001.MXF` and the corresponding “Proxy” file would be located at `http://localhost:8080/A/Sub/000_0001S03.MP4`. Please perform an HTTP GET on the URL to retrieve the corresponding files.

Please note that not all content referenced by the “uri” attributes in the MediaProfile can be retrieved, as this depends on models. Even if a “uri” attribute is listed in the MediaProfile, there may be cases where the corresponding file cannot be retrieved via an HTTP GET request.

Disconnect

The Initiator must execute CloseSession to disconnect. Subsequently, release the PTP connection.

Command List

The following described a list of operation, device property, control, event, etc.

All command IDs not listed in this specification are reserved commands. There may be other commands executable by the camera that are not listed in this specification, but please refrain from using them.

Operations

Name	Code	Description
GetDeviceInfo	0x1001	same as PIMA 15740
OpenSession	0x1002	same as PIMA 15740
CloseSession	0x1003	same as PIMA 15740
GetStorageIDs	0x1004	same as PIMA 15740
GetStorageInfo	0x1005	same as PIMA 15740
GetNumObjects	0x1006	same as PIMA 15740
GetObjectHandles	0x1007	same as PIMA 15740
GetObjectInfo	0x1008	Response Code includes VendorResponseCodes, Password Length Over Max, and Password Includes Invalid Character. The others are same as PIMA 15740
GetObject	0x1009	same as PIMA 15740
GetThumb	0x100A	same as PIMA 15740
SendObject	0x100D	same as PIMA 15740
GetPartialObject	0x101B	same as PIMA 15740
GetObjectPropValue	0x9803	same as Media Transfer Protocol v.1.1 Spec
GetObjectPropList	0x9805	same as Media Transfer Protocol v.1.1 Spec
SDIO_Connect	0x9201	This is for the authentication handshake.
SDIO_GetExtDeviceInfo	0x9202	Get the protocol version and the supported properties of the connected device.
SDIO_SetExtDevicePropValue	0x9205	Set a DevicePropValue for a device property.
SDIO_ControlDevice	0x9207	Set the SDIControl value for the SDIControlCode.
SDIO_GetAllExtDevicePropInfo	0x9209	Obtain all support DevicePropDescs at one time. The host will send this operation at regular intervals to obtain the latest (current) camera settings.
SDIO_SetFTPSettingFilePassword	0x920F	Set the password for getting/setting a FTP-Setting File.
SDIO_OpenSession	0x9210	Open Session with Function Mode.
SDIO_GetPartialLargeObject	0x9211	Get partial object from the device.
SDIO_SetContentsTransferMode	0x9212	Turn on/off content transfer mode.
SDIO_GetDisplayStringList	0x9215	Get Display String List.

Name	Code	Description
SDIO_GetVendorCodeVersion	0x9216	Get vendor code version.
SDIO_GetFTPJobList	0x9217	Get the FTP Job List.
SDIO_ControlFTPJobList	0x9218	Control the FTP Job List.
SDIO_UploadData	0x921A	Upload data to Camera temporary storage.
SDIO_ControlUploadData	0x921B	Control the Upload Data.
SDIO_DownloadData	0x921D	Download the data from the camera.
SDIO_GetFTPSettingList	0x921F	Get FTP Setting List.
SDIO_SetFTPSettingList	0x9220	Set FTP Setting List.
SDIO_ControlGeneralSettingFile	0x9221	Control General Setting File.
SDIO_GetControlGeneralSettingResultFile	0x9222	Get Control General Setting Result File.
SDIO_GetLensInformation	0x9223	Get Lens Information.
SDIO_RequestFirmwareUpdateCheck	0x9227	Request Firmware Update Check.
SDIO_SetFirmwareUpdateMode	0x9228	Set Firmware Update Mode.
SDIO_UploadPartialData	0x9229	Upload data to Camera temporary storage.
SDIO_ExecuteEFraming	0x922A	Execute the Eframing.
SDIO_OperationResultsSupported	0x922F	Get the Operation Results Supported.
SDIO_GetPresetInfoList	0x9231	Get PresetInfoList.
SDIO_GetDisplayFTPResult	0x9233	Get Display FTP Result.
SDIO_GetOSDImage	0x9238	Get OSD Image.
SDIO_GetRestrictionInfo	0x9239	Get Restriction Info.
SDIO_GetDeviceDescriptionFile	0x923A	Get Device Description File.
SDIO_GetCapturedDateList	0x923B	Get Captured Date List.
SDIO_GetContentInfoList	0x923C	Get Contents Info List.
SDIO_GetContentData	0x923D	Get Content Data.
SDIO_GetContentCompressedData	0x923E	Get Content Compressed Data.
SDIO_GetStreamSettingList	0x9241	Get Stream Setting List.
SDIO_SetStreamSettingList	0x9242	Set Stream Setting List.
SDIO_ControlPTZF	0x9245	Control the PTZF
SDIO_SetPresetPTZF	0x9246	Set Preset PTZF
SDIO_GetFirmwareUpdateInfo	0x9247	Get FirmwareUpdateInfo in Media.
SDIO_GetAreaTimeZoneSetting	0x9248	Get AreaTimeZone Setting.
SDIO_SetAreaTimeZoneSetting	0x9249	Set AreaTimeZone Setting.
SDIO_GetLicenseInfoList	0x924D	Get License Info List
SDIO_DeleteContent	0x9250	Delete Content.
SDIO_GetExtDeviceProp	0x9251	Get the DevicePropInfo.

Device Properties

Name	Code	Description
White Balance	0x5005	Get/Set the white balance.
F-Number	0x5007	Get/Set the aperture value.
Focus Mode	0x500A	Get/Set the focus mode.
Exposure Metering Mode	0x500B	Get/Set the exposure metering mode.
Flash Mode	0x500C	Get/Set the flash mode.
Exposure Program Mode	0x500E	Get/Set the exposure program mode.
Exposure Bias Compensation	0x5010	Get/Set the exposure bias compensation.
Still Capture Mode	0x5013	Get/Set the drive mode.
T-Number	0xD000	Get/Set the T-number.
Iris Mode Setting	0xD001	Get/Set the iris mode setting.
Iris Close Setting	0xD002	Get/Set the iris close setting.
Iris Display Unit	0xD003	Get/Set the iris display unit.
Focal Distance in Meter	0xD004	Get/Set the focal distance in meter.
Focal Distance in Feet	0xD005	Get/Set the focal distance in feet.
Focal Distance Unit Setting	0xD006	Get/Set the focal distance unit setting.
Focus Mode Setting	0xD007	Get/Set the focus mode setting.
Focus Speed Range	0xD008	Get the focus speed range.
Digital Zoom Scale	0xD00A	Get/Set the digital zoom scale.
Zoom Distance	0xD00B	Get/Set the zoom distance.
White Balance Mode Setting	0xD00C	Get/Set the white balance mode setting.
White Balance Tint	0xD00D	Get/Set the white balance tint.
Shutter Angle	0xD00E	Get/Set the shutter angle.
Shutter Setting	0xD00F	Get/Set the shutter setting.
Shutter Mode	0xD010	Get/Set the shutter mode.
Shutter Mode Status	0xD011	Get/Set the shutter mode status.
Shutter Select Mode	0xD012	Get/Set the electronic shutter select mode.
Shutter Mode Setting	0xD013	Get/Set the shutter mode setting.
Shutter Slow	0xD014	Get/Set the shutter slow.
Shutter Slow Frames	0xD015	Get/Set the shutter slow frames.
Shutter Speed Value	0xD016	Get/Set the shutter speed value.
Shutter Speed Current Value	0xD017	Get the shutter speed current value.
ND Filter	0xD018	Get/Set the ND filter.
ND Filter Mode	0xD019	Get the ND filter mode.
ND Filter Mode Setting	0xD01A	Get/Set the ND filter mode setting.
ND Filter Value	0xD01B	Get/Set the ND filter value.
Gain Control Setting	0xD01C	Get/Set the gain control setting.

Name	Code	Description
Gain Unit Setting	0xD01D	Get/Set the gain unit setting.
Gain dB Value	0xD01E	Get/Set the gain dB value.
Gain dB Current Value	0xD01F	Get the gain dB current value.
Gain Base ISO Sensitivity	0xD020	Get/Set the gain base ISO sensitivity.
Gain Base Sensitivity	0xD021	Get/Set the gain base sensitivity.
Exposure Index	0xD022	Get/Set the exposure index.
ISO Current Sensitivity	0xD023	Get the ISO current sensitivity.
Recording Resolution for Main (Movie)	0xD024	Get/Set the recording resolution for main.
Recording Resolution for Proxy (Movie)	0xD025	Get/Set the recording resolution for proxy.
Proxy File Format (Movie)	0xD027	Get/Set the proxy file format (movie).
Recording Frame Rate Proxy Setting (Movie)	0xD028	Get/Set the recording frame rate proxy setting (movie).
Zoom Distance Unit Setting	0xD029	Get/Set the zoom distance unit setting.
Sync ID for FTP Job List	0xD02A	Get the sync ID for FTP job list.
Media SLOT1 Rec Available Type	0xD02B	Get the media slot 1 record available clip type.
Media SLOT2 Rec Available Type	0xD02C	Get the media slot 2 record available clip type.
Select FTP ServerID	0xD02E	Get/Set the selected FTP ServerID.
Movie Playing State	0xD02F	Get the movie playing state.
Movie Playing Speed	0xD030	Get movie playing speed.
Media SLOT1 ProfileUrl	0xD031	Get media slot 1 profile URL.
Media SLOT2 ProfileUrl	0xD032	Get media slot 2 profile URL.
Media SLOT1 Player	0xD035	Get the media slot 1 player.
Media SLOT2 Player	0xD036	Get the media slot 2 player.
Battery Remain Display Unit	0xD037	Get/Set the battery remain display unit.
Battery Remaining in Minutes	0xD038	Get the battery remaining in minutes.
Battery Remaining in Voltage	0xD039	Get the battery remaining in voltage.
Power Source	0xD03A	Get/Set the power source.
AWB	0xD03B	Get/Set the AWB.
BaseLook Value	0xD03C	Get/Set the BaseLook value.
DC Voltage	0xD03E	Get the DC voltage.
Software Version	0xD040	Get the software version.
FTP Function	0xD041	Get/Set the FTP function.
Playback Media	0xD042	Get/Set the playback media.
REC Settings Reset Enable Status	0xD043	Get the record settings reset enabled status.
Monitor DISP (Screen Display) Mode Candidates	0xD044	Get the monitor DISP (screen display) mode candidates.
Monitor DISP (Screen Display) Mode Setting	0xD045	Get/Set the monitor DISP (screen display) mode setting.

Name	Code	Description
Monitor DISP (Screen Display) Mode	0xD046	Get/Set the monitor DISP (screen display) mode.
Touch Operation	0xD047	Get/Set the touch operation setting.
Select Finder/Monitor	0xD048	Get/Set the finder/monitor setting.
Auto Power OFF Temperature	0xD049	Get/Set the auto power off temperature.
Body Key Lock	0xD04A	Get/Set the body key lock status.
Image ID (Numerical Value)	0xD04B	Get/Set the image ID (numerical value).
Image ID (String)	0xD04C	Get/Set the image ID (string).
Monitor LUT Setting (All Line)	0xD04D	Get/Set the monitor LUT setting.
Auto FTP Transfer	0xD04E	Get/Set the auto FTP transfer.
Auto FTP Transfer Target	0xD04F	Get/Set the auto FTP transfer target.
Simul Rec Setting	0xD050	Get/Set the simul recording setting.
S&Q Mode Setting	0xD051	Get/Set the S&Q mode.
S&Q Frame Rate	0xD052	Get/Set the S&Q frame rate.
Picture Cache Rec Setting	0xD053	Get/Set the picture cache recording setting.
Picture Cache Rec Size and Time	0xD054	Get/Set the picture cache recording size and time.
Interval REC (Movie) Time	0xD055	Get/Set the interval recording (movie) time.
Interval REC (Movie) Frames	0xD056	Get/Set the interval recording (movie) number of frames.
Upload Dataset Version	0xD057	Get the UploadDataset version of UploadData command.
BaseLookImport Command Version	0xD059	Get the enabled status and command dataset version (BaseLookImport).
Push Auto Iris	0xD05B	Get/Set the push auto iris.
Push AGC	0xD05C	Get/Set the push AGC.
Push Auto ND Filter	0xD05D	Get/Set the push auto ND filter.
Push Auto Focus	0xD05E	Get/Set the push auto focus.
Imager Scan Mode	0xD05F	Get/Set the imager scan mode.
Subject Recognition AF	0xD060	Get/Set subject recognition AF.
AF Transition Speed	0xD061	Get/Set AF transition speed.
AF Subj Shift Sens	0xD062	Get/Set AF subj. shift sens.
Recording Resolution For RAW (Movie)	0xD063	Get/Set the recording resolution for RAW.
Touch Function in MF	0xD064	Get/Set touch function in MF.
Paint/Look Master Black	0xD065	Get/Set the paint/look master black level.
Paint/Look R Black	0xD066	Get/Set the paint/look R black level.
Paint/Look B Black	0xD067	Get/Set the paint/look B black level.
Paint/Look Knee Setting	0xD068	Get/Set the paint/look knee setting.
Paint/Look Auto Knee	0xD069	Get/Set the paint/look auto knee setting.
Paint/Look Knee Point	0xD06A	Get/Set the paint/look knee point.

Name	Code	Description
Paint/Look Knee Slope	0xD06B	Get/Set the paint/look knee slope.
Paint/Look Detail Setting	0xD06C	Get/Set the paint/look detail setting.
Paint/Look Detail Level	0xD06D	Get/Set the paint/look detail level.
ND Filter Switching Setting	0xD073	Get/Set the ND filter switching setting.
ND Filter Preset Select	0xD074	Get/Set the ND filter preset select.
ND Filter Preset 1 Value	0xD075	Get/Set the ND filter preset 1 value.
ND Filter Preset 2 Value	0xD076	Get/Set the ND filter preset 2 value.
ND Filter Preset 3 Value	0xD077	Get/Set the ND filter preset 3 value.
Monitoring Output Display SDI	0xD078	Get/Set the monitoring output display SDI.
Monitoring Output Display HDMI	0xD079	Get/Set the monitoring output display HDMI.
Camera System Error Info	0xD07A	Get the camera system error info.
Lens Model Name	0xD07B	Get the lens model name.
Lens Serial Number	0xD07C	Get the lens serial number.
Lens Version Number	0xD07D	Get the lens version number.
Simul Rec Setting (Movie Rec Button)	0xD07F	Get/Set the movie recording button selected media slot for simul recording.
Displayed Menu Status	0xD080	Get the displayed menu status.
White Balance Switch	0xD085	Get/Set the selected current white balance mode.
White Balance Preset Color Temperature	0xD086	Get/Set the preset color temperature.
White Balance R Gain	0xD087	Get/Set the white balance R gain.
White Balance B Gain	0xD088	Get/Set the white balance B gain.
White Balance Offset Color Temp ATW	0xD089	Get/Set the offset color temp for ATW mode.
White Balance Offset Tint ATW	0xD08A	Get/Set the offset tint for ATW mode.
BaseLookImport Operation Enable Status	0xD08B	Get the BaseLook import operation enabled status.
Language Setting	0xD08F	Get/Set the language setting.
Auto Focus Hold	0xD091	Get/Set the auto focus hold.
Image ID (Numerical Value) Setting	0xD092	Get/Set the image ID (numerical value) setting.
Exposure Ctrl Type	0xD099	Get/Set the exposure control type.
FTPSettingList Operation Enable Status	0xD09A	Get the FTPSettingList operation enabled status.
Playback Contents Recording Date/Time	0xD09C	Get the playback contents recording date/time.
Playback Contents Name	0xD09D	Get the playback contents name.
Playback Contents Number	0xD09E	Get the playback contents number.
Playback Contents Total Number	0xD09F	Get the playback contents total number.
Playback Contents Recording Resolution	0xD0A0	Get the playback contents recording resolution.
Playback Contents Recording Frame Rate	0xD0A1	Get the playback contents recording frame rate.
Playback Contents Recording File Format	0xD0A2	Get the playback contents recording file format.
Playback Contents Gamma Type	0xD0A4	Get the playback contents gamma type.
White Balance Offset Setting	0xD0A9	Get/Set the white balance offset setting.

Name	Code	Description
White Balance Offset Color Temp	0xD0AA	Get/Set the white balance offset color temp.
Focus Bracket Shooting Status	0xD0AB	Get the focus bracket shooting status.
Video Stream Select	0xD0AC	Get/Set the video stream select.
Video Stream Codec	0xD0AD	Get/Set the video stream codec.
Video Stream Resolution	0xD0AE	Get/Set the video stream resolution.
Video Stream Bit Rate Compression Mode	0xD0B5	Get/Set the video stream bit rate compression mode.
Camera Operating Mode	0xD0BC	Get the camera operating mode.
Playback View Mode	0xD0BD	Get the playback view mode.
Firmware Update Command Version	0xD0BF	Get the enabled status and command dataset version (firmware update).
Firmware Update Status	0xD0C0	Get the firmware update status.
Maximum number of bytes	0xD0C1	Get the maximum number of bytes for data payload on dat packet.
BaseLook Name of Playback	0xD0C3	Get the BaseLook name of playback.
BaseLook Applied of Playback	0xD0C4	Get the BaseLook applied of playback.
Type-C Accessory Mode	0xD0C5	Get/Set the Type-C accessory mode.
Pixel Mapping Enable Status	0xD0C6	Get the pixel mapping enabled status.
Delete UserBaseLook	0xD0C7	Set/Get to Delete UserBaseLook
Select UserBaseLook to Edit	0xD0C8	Set/Get to Select UserBaseLook to Edit
UserBaseLook Input	0xD0C9	Get/Set the UserBaseLook input.
UserBaseLook AE Level Offset	0xD0CA	Get/Set the UserBaseLook AE level offset.
Base ISO Switch EI	0xD0CB	Get/Set the base ISO switch EI.
Select BaseLook to Set in PPLUT	0xD0CC	Get/Set to select BaseLook to set in PPLUT.
Eframing Scale (Auto)	0xD0CD	Get/Set the eframing scale (auto).
Eframing Speed (Auto)	0xD0CE	Get/Set the eframing speed (auto).
Camera Eframing	0xD0CF	Get/Set the camera eframing.
S&Q Rec Frame Rate	0xD0D0	Get/Set the S&Q recording frame rate.
S&Q Record Setting	0xD0D1	Get/Set the S&Q recording setting.
Audio Recording	0xD0D2	Get/Set the audio recording.
Time Code Preset	0xD0D3	Get/Set the time code preset.
User Bit Preset	0xD0D4	Get/Set the user bit preset.
Time Code Format	0xD0D5	Get/Set the time code format.
Time Code Run	0xD0D6	Get/Set the time code run.
Time Code Make	0xD0D7	Get/Set the time code make.
User Bit Time Rec	0xD0D8	Get/Set the user bit time recording.
Image Stabilization Steady Shot	0xD0D9	Get/Set the image stabilization steady shot.

Name	Code	Description
Image Stabilization Steady Shot (Movie)	0xD0DA	Get/Set the image stabilization steady shot (movie).
Silent Mode	0xD0DB	Get/Set the silent mode.
Silent Mode Aperture Drive in AF	0xD0DC	Get/Set the silent mode aperture drive in AF.
Silent Mode Shutter When Power OFF	0xD0DD	Get/Set the silent mode shutter when power off.
Silent Mode Auto Pixel Mapping	0xD0DE	Get/Set the silent mode auto pixel mapping.
Shutter Type	0xD0DF	Get/Set the shutter type.
Picture Profile BlackLevel	0xD0E0	Get/Set the picture profile BlackLevel.
Picture Profile Gamma	0xD0E1	Get/Set the picture profile gamma.
Picture Profile BlackGamma Range	0xD0E2	Get/Set the picture profile BlackGamma range.
Picture Profile BlackGamma Level	0xD0E3	Get/Set the picture profile BlackGamma level.
Picture Profile Knee Mode	0xD0E4	Get/Set the picture profile knee mode.
Picture Profile Knee AutoSet MaxPoint	0xD0E5	Get/Set the picture profile knee AutoSet MaxPoint.
Picture Profile Knee AutoSet Sensitivity	0xD0E6	Get/Set the picture profile knee AutoSet sensitivity.
Picture Profile Knee ManualSet Point	0xD0E7	Get/Set the picture profile knee ManualSet point.
Picture Profile Knee ManualSet Slope	0xD0E8	Get/Set the picture profile knee ManualSet slope.
Picture Profile Color Mode	0xD0E9	Get/Set the picture profile color mode.
Picture Profile Saturation	0xD0EA	Get/Set the picture profile saturation.
Picture Profile ColorPhase	0xD0EB	Get/Set the picture profile ColorPhase.
Picture Profile Color Depth Red	0xD0EC	Get/Set the picture profile color depth red.
Picture Profile Color Depth Green	0xD0ED	Get/Set the picture profile color depth green.
Picture Profile Color Depth Blue	0xD0EE	Get/Set the picture profile color depth blue.
Picture Profile Color Depth Cyan	0xD0EF	Get/Set the picture profile color depth cyan.
Picture Profile Color Depth Magenta	0xD0F0	Get/Set the picture profile color depth magenta.
Picture Profile Color Depth Yellow	0xD0F1	Get/Set the picture profile color depth yellow.
Picture Profile Detail Level	0xD0F2	Get/Set the picture profile detail level.
Picture Profile Detail Adjust Mode	0xD0F3	Get/Set the picture profile detail adjust mode.
Picture Profile Detail Adjust V/H Balance	0xD0F4	Get/Set the picture profile detail adjust V/H balance.
Picture Profile Detail Adjust B/W Balance	0xD0F5	Get/Set the picture profile detail adjust B/W balance.
Picture Profile Detail Adjust Limit	0xD0F6	Get/Set the picture profile detail adjust limit.
Picture Profile Detail Adjust Crispening	0xD0F7	Get/Set the picture profile detail adjust crispening.
Picture Profile Detail Adjust Highlight Detail	0xD0F8	Get/Set the picture profile detail adjust highlight detail.
Copy Picture Profile	0xD0F9	Get/Set the copy picture profile.
Creative Look	0xD0FA	Get/Set the creative look.
Creative Look Contrast	0xD0FB	Get/Set the creative look contrast.

Name	Code	Description
Creative Look Highlights	0xD0FC	Get/Set the creative look highlights.
Creative Look Shadows	0xD0FD	Get/Set the creative look shadows.
Creative Look Fade	0xD0FE	Get/Set the creative look fade.
Creative Look Saturation	0xD0FF	Get/Set the creative look saturation.
Creative Look Sharpness	0xD100	Get/Set the creative look sharpness.
Creative Look Sharpness Range	0xD101	Get/Set the creative look sharpness range.
Creative Look Clarity	0xD102	Get/Set the creative look clarity.
Custom Look Image Style	0xD103	Get/Set the custom look image style.
Time Code Preset Reset Enable Status	0xD104	Get the time code preset reset enabled status.
User Bit Preset Reset Enable Status	0xD105	Get the user bit preset reset enabled status.
Sensor Cleaning Enable Status	0xD106	Get the sensor cleaning enabled status.
Reset Picture Profile Enable Status	0xD107	Get the reset picture profile enabled status.
Reset Creative Look Enable Status	0xD108	Get the reset creative look enabled status.
Proxy Record Setting	0xD109	Get/Set the proxy record setting.
Video Stream Adaptive Rate Control	0xD10E	Get/Set the video stream adaptive rate control.
Video Stream Resolution Method	0xD10F	Get/Set the streaming resolution method.
Stream Cipher Type	0xD113	Get/Set the streaming cipher type.
Stream Latency	0xD116	Get/Set the streaming latency setting.
Stream TTL	0xD117	Get/Set the streaming TTL setting.
Stream Mode Setting	0xD118	Get/Set the streaming mode setting.
Stream Status	0xD119	Get the streaming status.
Video Stream Movie Rec Permission	0xD11A	Get/Set the streaming movie recording permission.
Audio Stream Codec Type	0xD11B	Get/Set the streaming code type.
Audio Stream Sampling Frequency	0xD11C	Get/Set the streaming sampling frequency.
Audio Stream Bit Depth	0xD11D	Get/Set the streaming audio bit depth.
Audio Stream Channel	0xD11E	Get/Set the streaming audio channel.
Interval REC (Movie) Count Down Interval Time	0xD11F	Get the interval recording (movie) count down interval time.
Recording Duration	0xD120	Get the recording duration.
Eframing Type	0xD122	Get the eframing type.
Eframing Command Version	0xD123	Get the enabled status and eframing command binary version.
Eframing Mode (Auto)	0xD124	Get/Set the eframing mode (auto).
Eframing Speed (PTZ)	0xD127	Get/Set the eframing speed (PTZ).
Second Battery Remaining	0xD12D	Get the second battery remaining (%).
Second Battery Level Indicator	0xD12E	Get the second battery level indicator.
ContShootSpotBoostSpeed	0xD12F	Get/Set SpotBoostFrameSpeed.
ContShootSpotBoost Status	0xD130	Get SpotBoostStatus.

Name	Code	Description
ContShootSpotBoost Enable Status	0xD131	Get SpotBoostStatus.
Select IPTC Metadata	0xD132	Get/Set to select IPTC metadata.
Flicker Less Shooting	0xD133	Get/Set the flicker less shooting.
Flicker Less Shooting Status	0xD134	Get the flicker less shooting status.
Custom WB Size Setting	0xD135	Get/Set the custom WB size setting.
AF Free Size and Position Setting	0xD138	Get/Set the AF free size and position setting.
Paint/Look User Matrix Setting	0xD139	Get/Set the paint/look user matrix setting.
Paint/Look User Matrix Level	0xD13A	Get/Set the paint/look user matrix level.
Paint/Look User Matrix Phase	0xD13B	Get/Set the paint/look user matrix phase.
Paint/Look User Matrix R-G	0xD13C	Get/Set the paint/look user matrix R-G.
Paint/Look User Matrix R-B	0xD13D	Get/Set the paint/look user matrix R-B.
Paint/Look User Matrix G-R	0xD13E	Get/Set the paint/look user matrix G-R.
Paint/Look User Matrix G-B	0xD13F	Get/Set the paint/look user matrix G-B.
Paint/Look User Matrix B-R	0xD140	Get/Set the paint/look user matrix B-R.
Paint/Look User Matrix B-G	0xD141	Get/Set the paint/look user matrix B-G.
Paint/Look Multi Matrix Setting	0xD142	Get/Set the paint/look multi matrix setting.
Paint/Look Multi Matrix Axis	0xD143	Get/Set the paint/look multi matrix axis.
Paint/Look Multi Matrix Hue	0xD144	Get/Set the paint/look multi matrix hue.
Paint/Look Multi Matrix Saturation	0xD145	Get/Set the paint/look multi matrix saturation.
CompRAW Shooting NR	0xD148	Get/Set the CompRAW shooting NR.
CompRAW Shooting NR RAW File Type	0xD149	Get/Set the CompRAW shooting NR RAW file type.
FTP Transfer Still Quality Size	0xD14A	Get/Set the FTP transfer still quality size.
FTP Transfer Target (Proxy)	0xD14B	Get/Set the FTP transfer target (proxy).
FTP Power Save	0xD14C	Get/Set the FTP power save.
ISO Auto Min Shutter Speed Mode	0xD14D	Get/Set the ISO auto min shutter speed mode.
ND Filter Unit Setting	0xD14E	Get/Set the ND filter unit setting.
ND Filter Optical Density Value	0xD14F	Get/Set the ND filter optical density value.
USB Power Supply	0xD150	Get/Set the USB power supply.
Interval REC (Movie) Frame Rate	0xD151	Get/Set the interval recording (movie) frame rate.
Interval REC (Movie) Record Setting	0xD152	Get/Set the interval recording (movie) record setting.
Eframing Recording Image Crop	0xD153	Get/Set the fixed camera recording image crop.
Eframing HDMI Crop	0xD154	Get/Set the fixed camera HDMI crop.
Synchroterminal Forced Output	0xD155	Get/Set the synchroterminal forced output.
Shutter Release Time Lag Control	0xD156	Get/Set the shutter release time lag control.
Subject Recognition in AF	0xD157	Get/Set the subject recognition in AF.
Recognition Target	0xD158	Get/Set the recognition target.

Name	Code	Description
Right/Left Eye Select	0xD159	Get/Set the right/left eye select.
CompRAW Shooting NR Number of Sheets	0xD15A	Get/Set the CompRAW shooting NR number of sheets.
Long Exposure NR	0xD15B	Get/Set the long exposure NR.
High ISO NR	0xD15C	Get/Set the high ISO NR.
HLG Still Image	0xD15D	Get/Set the HLG still image.
Color Space (Still Image)	0xD15E	Get/Set the color space (still image).
Recording Media (Still Image)	0xD15F	Get/Set the recording media (still image).
Recording Media (Movie)	0xD160	Get/Set the recording media (movie).
Auto Switch Media	0xD161	Get/Set the auto switch media.
Continuous Shooting Speed in Electric Shutter(Hi+)	0xD162	Get/Set the continuous shooting speed in electric shutter (Hi+).
Continuous Shooting Speed in Electric Shutter(Hi)	0xD163	Get/Set the continuous shooting speed in electric shutter (Hi).
Continuous Shooting Speed in Electric Shutter(Mid)	0xD164	Get/Set the continuous shooting speed in electric shutter (Mid).
Continuous Shooting Speed in Electric Shutter(Lo)	0xD165	Get/Set the continuous shooting speed in electric shutter (Lo).
Bracket order	0xD166	Get/Set the bracket order.
Focus Bracket order	0xD167	Get/Set the focus bracket order.
Focus Bracket Exposure Lock 1st Img	0xD168	Get/Set the focus bracket exposure lock 1st img.
Focus Bracket Interval Until Next Shot	0xD169	Get/Set the focus bracket interval until next shot.
Interval REC (Still) Shooting Start Time	0xD16A	Get/Set the interval recording (still) shooting start time.
Interval REC (Still) Shooting Interval	0xD16B	Get/Set the interval recording (still) shooting interval.
Interval REC (Still) Number of Shots	0xD16C	Get/Set the interval recording (still) number of shots.
Interval REC (Still) AE Tracking Sensitivity	0xD16D	Get/Set the interval recording (still) AE tracking sensitivity.
Interval REC (Still) Shutter Type	0xD16E	Get/Set the interval recording (still) shutter type.
Interval REC (Still) Shoot Interval Priority	0xD16F	Get/Set the interval recording (still) shoot interval priority.
e-Front Curtain Shutter	0xD170	Get/Set the e-front curtain shutter.
Wind Noise Reduct	0xD171	Get/Set the wind noise reduction.
Audio Level Display	0xD172	Get/Set the audio level display.
Auto Slow Shutter	0xD173	Get/Set the auto slow shutter.
ISO Auto Min Shutter Speed Manual	0xD176	Get/Set the ISO auto min shutter speed manual.
ISO Auto Min Shutter Speed Preset	0xD177	Get/Set the ISO auto min shutter speed preset.
Soft Skin Effect	0xD178	Get/Set the soft skin effect.

Name	Code	Description
Priority Set in AF-S	0xD179	Get/Set the priority set in AF-S.
Priority Set in AF-C	0xD17A	Get/Set the priority set in AF-C.
Focus Magnification Time	0xD17B	Get/Set the focus magnification time.
Playback Volume Settings	0xD17C	Get/Set the playback volume settings.
Auto Review	0xD17D	Get/Set the auto review.
Audio Signals	0xD17E	Get/Set the audio signals.
HDMI Resolution (Still/Play)	0xD17F	Get/Set the HDMI resolution (still/play).
HDMI Output Rec Media (Movie)	0xD180	Get/Set the HDMI output recording media (movie).
HDMI Output Resolution (Movie)	0xD181	Get/Set the HDMI output resolution (movie).
HDMI Output 4K Set (Movie)	0xD182	Get/Set the HDMI output 4K set (movie).
HDMI Output RAW (Movie)	0xD183	Get/Set the HDMI output RAW (movie).
HDMI Output Raw Setting (Movie)	0xD184	Get/Set the HDMI output RAW setting (movie).
HDMI Output Color Gamut for RAW Out (Movie)	0xD185	Get/Set the HDMI output color gamut for RAW out (movie).
HDMI Output Time Code (Movie)	0xD186	Get/Set the HDMI output time code (movie).
HDMI Output REC Control (Movie)	0xD187	Get/Set the HDMI output recording control (movie).
TimeShift Shooting	0xD189	Get/Set the TimeShift shooting.
TimeShift Trigger Setting	0xD18A	Get/Set the TimeShift trigger setting.
TimeShift PreShooting Time Setting	0xD18B	Get/Set the TimeShift PreShooting time setting.
Top of the Group Shooting Mark Setting	0xD18C	Get/Set the top of ContShootGroup mark setting.
Media SLOT3 Status	0xD18E	Get the media (slot 3) status.
Media SLOT3 Remaining shooting time	0xD18F	Get the remaining shooting time of media (slot 3).
Media SLOT3 Rec Available Type	0xD190	Get the media slot 3 recording available clip type.
Media SLOT3 ProfileUrl	0xD191	Get media slot 3 profile URL.
Image Stabilization Steady Shot Adjust	0xD192	Get/Set the image stabilization steady shot adjust.
Image Stabilization Steady Shot Focal Length	0xD193	Get/Set the image stabilization steady shot focal length.
Camera Shake Status	0xD194	Get the camera shake status.
Update Body Status	0xD195	Get the update body status.
Embed LUT File	0xD196	Get/Set the embed LUT file.
Media SLOT1 Writing State	0xD197	Get the media slot 1 writing state.
Media SLOT2 Writing State	0xD198	Get the media slot 2 writing state.
Auto FTP Transfer Target (Movie)	0xD199	Get/Set the auto FTP transfer target (movie).
FTP Transfer Target	0xD19A	Get/Set the FTP transfer target.
TimeShift Shooting Status	0xD19B	Get the TimeShift shooting status.
Focus Driving Status (Absolute)	0xD19C	Get the focus driving status (absolute).
Zoom Driving Status (Absolute)	0xD19D	Get the zoom driving status (absolute).

Name	Code	Description
Default AF Free Size and Position Setting	0xD19E	Get the default AF free size and position setting.
Extended Shutter Speed	0xD19F	Get/Set the extended shutter speed.
Lens Compensation Shading	0xD1A2	Get/Set the lens compensation shading.
Lens Compensation Chromatic Aberration	0xD1A3	Get/Set the lens compensation chromatic aberration.
Lens Compensation Distortion	0xD1A4	Get/Set the lens compensation distortion.
Lens Compensation Breathing	0xD1A5	Get/Set the lens compensation breathing.
Focus Bracket Recording Folder	0xD1A6	Get/Set the focus bracket recording folder.
Release without Lens	0xD1A7	Get/Set the release without lens.
Release without Card	0xD1A8	Get/Set the release without card.
Image Stabilization Framing Stabilizer	0xD1A9	Get/Set the Image Stabilization Framing Stabilizer
Priority Set in AWB	0xD1AA	Get/Set the priority set in AWB.
AF Illuminator	0xD1AB	Get/Set the AF illuminator.
Aperture Drive in AF	0xD1AC	Get/Set the aperture drive in AF.
AF with Shutter	0xD1AD	Get/Set the AF with shutter.
Full Time DMF	0xD1AE	Get/Set the full time DMF.
Pre-AF	0xD1AF	Get/Set the pre-AF.
Display Quality (Finder/Monitor)	0xD1B0	Get/Set the display quality (finder/monitor).
Audio Signals Volume	0xD1B1	Get/Set the audio signals volume.
Control for HDMI	0xD1B2	Get/Set the control for HDMI.
Anti-dust Shutter When Power Off	0xD1B3	Get/Set the anti-dust shutter when power off.
Shooting Self-timer Status	0xD1B4	Get the shooting self-timer status.
Metered Manual Level	0xD1B5	Get the metered manual level.
ISO Auto Range Limit (min)	0xD1B6	Get/Set the ISO auto range limit (min).
ISO Auto Range Limit (max)	0xD1B7	Get/Set the ISO auto range limit (max).
Face/Eye Frame Display	0xD1B8	Get/Set the face/eye frame display.
AF in Focus Magnifier	0xD1BA	Get/Set the AF in focus magnifier.
Camera Error Caution Status	0xD1BB	Get the camera error caution status.
System Error Caution Status	0xD1BC	Get the system error caution status.
Initial Focus Magnifier (Still)	0xD1BD	Get/Set the initial focus magnifier (still).
Remote Save Image Size	0xD1BE	Get/Set the remote save image size.
Program Shift Status	0xD1BF	Get the program shift status.
Wake on LAN	0xD1C1	Get/Set the Wake On LAN.
Tracking On + AF On Enable Status	0xD1C6	Get the tracking on + AF on enabled status.
APS-C/Super 35mm Shooting	0xD1C7	Get/Set the APS-C/super 35mm shooting.
Recording File Number (Still)	0xD1C8	Get/Set the recording file number (still).
Forced File Number Reset Enable Status	0xD1C9	Get the forced file number reset enabled status.
Recording Setting File Name	0xD1CA	Get/Set the recording setting file name.

Name	Code	Description
Recording Folder Format	0xD1CB	Get/Set the recording folder format.
StreamSettingList Operation Enable Status	0xD1CC	Get the StreamSettingList Operation Enable Status
Write Copyright Info	0xD1CD	Get/Set the copyright info.
Set Photographer	0xD1CE	Get/Set the photographer name.
Set Copyright	0xD1CF	Get/Set the copyright name.
File Settings Camera ID	0xD1D0	Get/Set the file settings camera ID.
File Settings Reel Number	0xD1D1	Get/Set the file settings reel number.
File Settings Camera Position	0xD1D2	Get/Set the file settings camera position.
ContentInfoList Enable Status (SLOT1)	0xD1D4	Get the media slot 1 ContentInfoList enabled status.
ContentInfoList Enable Status (SLOT2)	0xD1D5	Get the media slot 2 ContentInfoList enabled status.
ContentInfoList regenerate time (SLOT1)	0xD1D6	Get the media slot 1 ContentInfoList update time.
ContentInfoList regenerate time (SLOT2)	0xD1D7	Get the media slot 2 ContentInfoList update time.
PostView Transfer Resource Status	0xD1DA	Get the set PostView enabled status.
Create New Folder (Still) Enable Status	0xD1DB	Get the create new folder (still) enabled status.
File Settings Title Name Settings	0xD1DC	Get/Set the file settings title name settings.
Microphone directivity	0xD1DD	Get/Set the microphone directivity.
Grid Line Display	0xD1DE	Get/Set the grid line display.
Product Showcase Set	0xD1DF	Get/Set the product showcase set.
Amount of Defocus Setting	0xD1E0	Get/Set the amount of defocus setting.
Cinematic Vlog Setting	0xD1E1	Get/Set the cinematic vlog setting.
Cinematic Vlog Look	0xD1E2	Get/Set the cinematic vlog look.
Cinematic Vlog Mood	0xD1E3	Get/Set the cinematic vlog mood.
Cinematic Vlog AF Transition Speed	0xD1E4	Get/Set the cinematic vlog AF transition speed.
Face Priority in Multi Metering	0xD1E5	Get/Set the face priority in multi metering.
Subject Recognition Person Tracking Subject Shift Range	0xD1E6	Get/Set the subject recognition person tracking subject shift range.
Subject Recognition Animal+Bird Priority	0xD1E7	Get/Set the subject recognition animal+bird priority.
Subject Recognition Animal+Bird Detection Parts	0xD1E8	Get/Set the subject recognition animal+bird detection parts.
Subject Recognition Animal (Still) Tracking Subject Shift Range	0xD1E9	Get/Set the subject recognition animal (still) tracking subject shift range.
Subject Recognition Animal (Still) Tracking Sensitivity	0xD1EA	Get/Set the subject recognition animal (still) tracking sensitivity.
Subject Recognition Animal (Still) Detection Sensitivity	0xD1EB	Get/Set the subject recognition animal (still) detection sensitivity.
Subject Recognition Animal (Still) Detection Parts	0xD1EC	Get/Set the subject recognition animal (still) detection parts.

Name	Code	Description
Subject Recognition Bird Tracking Subject Shift Range	0xD1ED	Get/Set the subject recognition bird tracking subject shift range.
Subject Recognition Bird Tracking Sensitivity	0xD1EE	Get/Set the subject recognition bird tracking sensitivity.
Subject Recognition Bird Detection Sensitivity	0xD1EF	Get/Set the subject recognition bird detection sensitivity.
Subject Recognition Bird Detection Parts	0xD1F0	Get/Set the subject recognition bird detection parts.
Subject Recognition Insect Tracking Subject Shift Range	0xD1F1	Get/Set the subject recognition insect tracking subject shift range.
Subject Recognition Insect Tracking Sensitivity	0xD1F2	Get/Set the subject recognition insect tracking sensitivity.
Subject Recognition Insect Detection Sensitivity	0xD1F3	Get/Set the subject recognition insect detection sensitivity.
Subject Recognition Car/Train Tracking Subject Shift Range	0xD1F4	Get/Set the subject recognition car/train tracking subject shift range.
Subject Recognition Car/Train Tracking Sensitivity	0xD1F5	Get/Set the subject recognition car/train tracking sensitivity.
Subject Recognition Car/Train Detection Sensitivity	0xD1F6	Get/Set the subject recognition car/train detection sensitivity.
Subject Recognition Plane Tracking Subject Shift Range	0xD1F7	Get/Set the subject recognition plane tracking subject shift range.
Subject Recognition Plane Tracking Sensitivity	0xD1F8	Get/Set the subject recognition plane tracking sensitivity.
Subject Recognition Plane Detection Sensitivity	0xD1F9	Get/Set the subject recognition plane detection sensitivity.
Subject Recognition Priority on registered face	0xD1FA	Get/Set the subject recognition priority on registered face.
Monitor Brightness Type	0xD1FB	Get/Set the monitor brightness type.
Monitor Brightness Manual	0xD1FC	Get/Set the monitor brightness manual.
TC/UB Display Setting	0xD1FD	Get/Set the TC/UB display setting.
Gamma Display Assist	0xD1FE	Get/Set the gamma display assist.
Gamma Display Assist Type	0xD1FF	Get/Set the gamma display assist type.
Flash Compensation	0xD200	Get/Set the flash compensation.
Dynamic Range Optimizer	0xD201	Get/Set the dynamic range optimizer.
Image Size	0xD203	Get/Set the image size.
Total Battery Remaining	0xD204	Get the total battery remaining (%).
Total Battery Level Indicator	0xD205	Get the total battery level indicator.
OSD Image Mode	0xD207	Get/Set the OSD image mode
Camera Button Function capability	0xD208	Get the camera button function capability.
Camera Button Function Multi capability	0xD209	Get the camera button function multi capability.
Camera Dial Function capability	0xD20A	Get the camera dial function capability.

Name	Code	Description
Camera Lever Function capability	0xD20B	Get the camera lever function capability.
Camera Button Function Status	0xD20C	Get the camera button function status.
Shutter Speed	0xD20D	Get/Set the shutter speed.
Battery Level Indicator	0xD20E	Get the battery level indicator.
Color Temperature	0xD20F	Get/Set the color temperature.
Biaxial Fine-Tuning G-M Direction	0xD210	Get/Set the biaxial fine-tuning G-M direction.
Aspect Ratio	0xD211	Get/Set the aspect ratio.
Focus Indication	0xD213	Get the focus indication.
Predicted Maximum File Size	0xD214	Get the predicted maximum file size.
Shooting File Info	0xD215	Get the shooting file info.
Auto FTP Transfer Target (Still)	0xD216	Get/Set the auto FTP transfer target (still).
AELock Indication	0xD217	Get the AE lock indication.
Battery Remaining	0xD218	Get the battery remaining (%).
Picture Effect	0xD21B	Get/Set the picture effect value.
Biaxial Fine-Tuning A-B Direction	0xD21C	Get/Set the biaxial fine-tuning A-B direction.
Movie Recording State	0xD21D	Get the movie recording state.
ISO Sensitivity	0xD21E	Get/Set the ISO sensitivity.
FELock Indication	0xD21F	Get the FE lock indication.
Audio Signals (Start/End)	0xD220	Get/Set the audio signals (start/end).
Live View Status	0xD221	Get the live view status.
Still Image Save Destination	0xD222	Get the information of still image save destination.
Date/Time Setting	0xD223	Set the date and time.
Protect Image in FTP Transfer	0xD225	Get/Set the protect image in FTP transfer.
Auto Recognition Target Candidates	0xD229	Get the auto recognition target candidates.
Focus Area	0xD22C	Get/Set the focus area.
Live View Display Effect	0xD231	Get/Set the live view display effect.
Auto Recognition Target Setting	0xD234	Get/Set the auto recognition target setting.
Near/Far Enable Status	0xD235	Get the near/far enabled status.
Exposure Step	0xD237	Get/Set the exposure step width.
Pixel Shift Shooting Mode	0xD239	Get the pixel shift shooting mode.
Pixel Shift Shooting Number	0xD23A	Get/Set the pixel shift shooting number.
Pixel Shift Shooting Interval	0xD23B	Get/Set the pixel shift shooting interval.
Pixel Shift Shooting Status	0xD23C	Get the pixel shift shooting status.
Progress Number of Pixel Shift Shooting	0xD23D	Get the progress number of pixel shift shooting.
Picture Profile	0xD23F	Get/Set the picture profile.
Creative Style	0xD240	Get/Set the creative style.
File Format (Movie)	0xD241	Get/Set the file format (movie).

Name	Code	Description
Recording Setting (Movie)	0xD242	Get/Set the recording setting (movie).
Media SLOT1 Status	0xD248	Get the media (SLOT1) status.
Media SLOT1 Remaining number shots	0xD249	Get the remaining number shots of media (SLOT1).
Media SLOT1 Remaining shooting time	0xD24A	Get the remaining shooting time of media (SLOT1).
Focal position	0xD24C	Get the focal position.
AWBLock Indication	0xD24E	Get the AWB lock indication.
Interval REC (Still) Mode	0xD24F	Get/Set the interval REC (still) mode.
Interval REC (Still) Status	0xD250	Get the interval REC (still) status.
Device Overheating State	0xD251	Get the device overheating state.
Still Image Quality	0xD252	Get/Set the still image quality.
File Format (Still)	0xD253	Get/Set the file format (still).
Focus Magnifier Setting	0xD254	Get/Set the focus magnifier setting.
AF Tracking Sensitivity (Still)	0xD255	Get/Set the AF tracking sensitivity (still).
Media SLOT2 Status	0xD256	Get the media (SLOT2) status.
Media SLOT2 Remaining number shots	0xD257	Get the remaining number shots of media (SLOT2).
Media SLOT2 Remaining shooting time	0xD258	Get the remaining shooting time of media (SLOT2).
Position Key Setting	0xD25A	Get/Set the position key setting.
Zoom Operation Enable Status	0xD25B	Get the zoom operation enabled status.
Zoom Scale	0xD25C	Get/Set the zoom scale.
Zoom Bar Information	0xD25D	Get the zoom bar information.
Zoom Speed Range	0xD25E	Get the zoom speed range.
Zoom Setting	0xD25F	Get/Set the zoom setting.
Zoom Type Status	0xD260	Get the zoom type status.
Wireless Flash Setting	0xD262	Get/Set the wireless flash setting.
Red Eye Reduction	0xD263	Get/Set the red eye reduction.
Remote Control Restriction Status	0xD264	Get the remote control restriction status.
Live View Area (x, y)	0xD267	Get the live view area (x, y).
Still Image Trans Size	0xD268	Get/Set the still image trans size.
RAW+J PC Save Image	0xD269	Get/Set the RAW+J PC save image.
Live View Image Quality	0xD26A	Get/Set the live view image quality.
Custom WB Capturable Area (x, y)	0xD26B	Get the custom WB capturable area (x, y).
Custom WB Capture Frame Size (x, y)	0xD26C	Get the custom WB capture frame size (x, y).
Custom WB Capture Standby Operation	0xD26D	Get the custom WB capture standby operation.
Custom WB Capture Standby Cancel Operation	0xD26E	Get the custom WB capture standby cancel operation.

Name	Code	Description
Custom WB Capture Operation	0xD26F	Get the custom WB capture operation enabled status.
Custom WB Execution State	0xD270	Get the custom WB execution state.
Camera-Setting Save Operation	0xD271	Get the camera-setting save operation enabled status.
Camera-Setting Read Operation	0xD272	Get the camera-setting read operation enabled status.
Camera-Setting Save/Read State	0xD273	Get the camera-setting save/read state.
FTP-Setting Save Operation	0xD274	Get the FTP-setting save operation enabled status.
FTP-Setting Read Operation	0xD275	Get the FTP-setting read operation enabled status.
FTP-Setting Save/Read State	0xD276	Get the FTP-setting save/read state.
LiveViewURL	0xD278	Get the live view URL.
Media SLOT1 Format Enable Status	0xD279	Get the media format enabled status (SLOT1).
Media SLOT2 Format Enable Status	0xD27A	Get the media format enabled status (SLOT2).
Media Format Progress Rate	0xD27B	Get the media format progress rate.
Select FTP Server	0xD27C	Get/Set the selected FTP server.
FTP Connection Status	0xD27F	Get the FTP connection status.
FTP Connection Error Info	0xD280	Get the FTP connection error info.
High Resolution SS Setting	0xD281	Get/Set the high resolution SS setting.
High Resolution Shutter Speed	0xD282	Get the high resolution shutter speed.
Function of Touch Operation	0xD283	Get/Set the function of touch operation.
Remote Touch Operation Enable Status	0xD284	Get the remote touch operation enabled status.
Cancel Remote Touch Operation Enable Status	0xD285	Get the cancel remote touch AF operation enabled status.
Recording Frame Rate Setting (Movie)	0xD286	Get/Set the recording frame rate setting (movie).
Compression File Format (Still)	0xD287	Get/Set the still image compression format.
RAW File Type	0xD288	Get/Set the RAW file type.
Media Slot1 RAW File Type	0xD289	Get/Set the RAW file type of media slot 1.
Media Slot2 RAW File Type	0xD28A	Get/Set the RAW file type of media slot 2.
Media Slot1 File Format (Still)	0xD28B	Get/Set the file format (still) of media slot 1.
Media Slot2 File Format (Still)	0xD28C	Get/Set the file format (still) of media slot 2.
Media SLOT1 Image Quality	0xD28D	Get/Set the image quality of media slot 1.
Media SLOT2 Image Quality	0xD28E	Get/Set the image quality of media slot 2.
Media SLOT1 Image Size	0xD28F	Get/Set the image size of media slot 1.
Media SLOT2 Image Size	0xD290	Get/Set the image size of media slot 2.
Media SLOT1 Quick Format Enable Status	0xD292	Get the media quick format enabled status (slot 1).
Media SLOT2 Quick Format Enable Status	0xD293	Get the media quick format enabled status (slot 2).
Cancel Media Format Enable Status	0xD294	Get the cancel media format enabled status.

Name	Code	Description
Contents Transfer Enable Status	0xD295	Get the contents transfer enabled status.
Save Zoom and Focus Position	0xD297	Get the save zoom and focus position enabled status.
Load Zoom and Focus Position	0xD298	Get the load zoom and focus position enabled status.
Remote Control Zoom Speed Type	0xD299	Get/Set the remote control zoom speed type.
APS-C or Full Switching Setting	0xD29A	Get the APS-C or full switching setting.
APS-C or Full Switching Enable Status	0xD29B	Get the APS-C or full switching status.
Movie Rec Self timer	0xD29C	Get/Set the movie record self timer.
Movie Rec Self timer Count time	0xD29D	Get/Set the movie record self timer count time.
Paint/Look Multi Matrix Area Indication	0xD29E	Get/Set the paint/look multi matrix area indication.
Movie Rec Self timer Continuous	0xD29F	Get/Set the movie record self timer continuous.
Movie Rec Self timer Status	0xD2A0	Get the movie record self timer status.
Focus Bracket Shot Num	0xD2A1	Get/Set the focus bracket shot number.
Focus Bracket Focus Range	0xD2A2	Get/Set the focus bracket focus range.
Bulb Timer Setting	0xD2A4	Get/Set the bulb timer setting.
Bulb Exposure Time Setting	0xD2A5	Get/Set the bulb exposure time setting.
Elapsed Bulb Exposure Time	0xD2A6	Get the elapsed bulb exposure time.
Remaining Bulb Exposure Time	0xD2A7	Get the remaining bulb exposure time.
Remaining Noise Reduction Time	0xD2A8	Get the remaining noise reduction time.
Monitor LUT Setting Output Dest Assign	0xD2A9	Get the Monitor LUT Setting Output Dest Assign
Monitor LUT Setting 1	0xD2AA	Get/Set the Monitor LUT Setting 1
Monitor LUT Setting 2	0xD2AB	Get/Set the Monitor LUT Setting 2
Monitor LUT Setting 3	0xD2AC	Get/Set the Monitor LUT Setting 3
AF Track for Speed Change	0xD2AD	Get/Set the AF Track for Speed Change
Monitoring Output Display Setting Dest Assign	0xD2AE	Get the Monitoring Output Display Dest Assign
Monitoring Output Display Setting 1	0xD2AF	Get/Set the Monitoring Output Display Setting 1
Monitoring Output Display Setting 2	0xD2B0	Get/Set the Monitoring Output Display Setting 2
UserBaseLook Output	0xD2B1	Get/Set the UserBaseLook output.
Play Set of Multi. Media	0xD2B2	Get/Set the Play Set of Multi. Media
Video Stream Bit Rate VBR Mode	0xD2B3	Get/Set the Video Stream Bit Rate VBR Mode
Recording File Number (Movie)	0xD2B5	Get/Set the recording file number (movie).
Flicker Scan Status	0xD2BA	Get the flicker scan status.
Flicker Scan Enable Status	0xD2BB	Get the flicker scan enabled status.
Tele/Wide Lever Value capability	0xD2BD	Get the tele/wide lever value capability.
Target Streaming Destination Select	0xD2BE	Get/Set the Target Streaming Destination Select
Stream Display Name	0xD2BF	Get/Set the Stream Display Name

Name	Code	Description
Video Stream Max Bit Rate	0xD2C0	Get/Set the Video Stream Max Bit Rate
Movie Shooting Mode	0xE000	Get/Set the movie shooting mode.
Movie Shooting Mode Color Gamut	0xE001	Get/Set the movie shooting mode color gamut.
Movie Shooting Mode Target Display	0xE002	Get/Set the movie shooting mode target display.
Focus TouchSpot Status	0xE004	Get the focus TouchSpot status.
Focus Tracking Status	0xE005	Get the focus tracking status.
Shutter ECS Setting	0xE006	Get/Set the shutter ECS setting.
Shutter ECS Number	0xE007	Get/Set the shutter ECS number.
Shutter ECS Frequency	0xE008	Get/Set the shutter ECS frequency.
Depth of Field Adjustment Mode	0xE009	Get/Set the depth of field adjustment mode.
Depth of Field Adjustment Interlocking Mode State	0xE00A	Get the depth of field adjustment interlocking mode state.
Recorder Clip Name	0xE00B	Get recorder clip name create by the next recording.
Recorder Control Main Setting	0xE00C	Get the recorder control main setting.
Recorder Control Proxy Setting	0xE00D	Get/Set the recorder control proxy setting.
Recorder Start Main	0xE00E	Get the recorder start main.
Recorder Start Proxy	0xE00F	Get the recorder start proxy.
Recorder Main Status	0xE010	Get the recorder main status.
Recorder Proxy Status	0xE011	Get the recorder proxy status.
Recorder Ext Raw Status	0xE012	Get the recorder ext raw status.
Recorder Save Destination	0xE013	Get the information of recorder save destination.
Button Assignment Assignable.1	0xE014	Get/Set the button assignment assignable 1.
Button Assignment Assignable.2	0xE015	Get/Set the button assignment assignable 2.
Button Assignment Assignable.3	0xE016	Get/Set the button assignment assignable 3.
Button Assignment Assignable.4	0xE017	Get/Set the button assignment assignable 4.
Button Assignment Assignable.5	0xE018	Get/Set the button assignment assignable 5.
Button Assignment Assignable.6	0xE019	Get/Set the button assignment assignable 6.
Button Assignment Assignable.7	0xE01A	Get/Set the button assignment assignable 7.
Button Assignment Assignable.8	0xE01B	Get/Set the button assignment assignable 8.
Button Assignment Assignable.9	0xE01C	Get/Set the button assignment assignable 9.
Button Assignment Assignable.10	0xE01D	Get/Set the button assignment assignable 10.
Button Assignment LensAssignable.1	0xE01E	Get/Set the button assignment LensAssignable 1.
SceneFile Index	0xE01F	Get/Set the SceneFile index.
Current SceneFile Edited	0xE020	Get the current SceneFile edited info.
Movie Play Button	0xE021	Get/Set the movie play button.
Movie Play Pause Button	0xE022	Get/Set the movie play pause button.
Movie Play Stop Button	0xE023	Get/Set the movie play stop button.

Name	Code	Description
Movie Forward Button	0xE024	Get/Set the movie forward button.
Movie Rewind Button	0xE025	Get/Set the movie rewind button.
Movie Next Button	0xE026	Get/Set the movie next button.
Movie Prev Button	0xE027	Get/Set the movie prev button.
Movie RecReview Button	0xE028	Get/Set the movie RecReview button.
Assignable Button 1	0xE029	Get/Set the assignable button 1.
Assignable Button 2	0xE02A	Get/Set the assignable button 2.
Assignable Button 3	0xE02B	Get/Set the assignable button 3.
Assignable Button 4	0xE02C	Get/Set the assignable button 4.
Assignable Button 5	0xE02D	Get/Set the assignable button 5.
Assignable Button 6	0xE02E	Get/Set the assignable button 6.
Assignable Button 7	0xE02F	Get/Set the assignable button 7.
Assignable Button 8	0xE030	Get/Set the assignable button 8.
Assignable Button 9	0xE031	Get/Set the assignable button 9.
Assignable Button 10	0xE032	Get/Set the assignable button 10.
LensAssignable Button 1	0xE033	Get/Set the lens assignable button 1.
Assignable Button Indicator 1	0xE035	Get the assignable button indicator 1.
Assignable Button Indicator 2	0xE036	Get the assignable button indicator 2.
Assignable Button Indicator 3	0xE037	Get the assignable button indicator 3.
Assignable Button Indicator 4	0xE038	Get the assignable button indicator 4.
Assignable Button Indicator 5	0xE039	Get the assignable button indicator 5.
Assignable Button Indicator 6	0xE03A	Get the assignable button indicator 6.
Assignable Button Indicator 7	0xE03B	Get the assignable button indicator 7.
Assignable Button Indicator 8	0xE03C	Get the assignable button indicator 8.
Assignable Button Indicator 9	0xE03D	Get the assignable button indicator 9.
Assignable Button Indicator 10	0xE03E	Get the assignable button indicator 10.
LensAssignable Button Indicator 1	0xE03F	Get the lens assignable button indicator 1.
Zoom Position Setting	0xE040	Get/Set the absolute zoom position.
Zoom Position Current Value	0xE041	Get the absolute zoom position current value.
Focus Position Setting	0xE042	Get/Set the absolute foucus position.
Focus Position Current Value	0xE043	Get the absolute foucus position current value.
Focus Mode status	0xE044	Get the focus mode status.
Focus Operation with INT16 Enable Status	0xE045	Get the focus operation with INT16 enabled status.
Audio Input CH1 Level Control	0xE048	Get/Set the audio input CH1 level control.
Audio Input CH2 Level Control	0xE049	Get/Set the audio input CH2 level control.
Audio Input CH3 Level Control	0xE04A	Get/Set the audio input CH3 level control.
Audio Input CH4 Level Control	0xE04B	Get/Set the audio input CH4 level control.

Name	Code	Description
Audio Input CH1 Level	0xE04C	Get/Set the audio input CH1 level.
Audio Input CH2 Level	0xE04D	Get/Set the audio input CH2 level.
Audio Input CH3 Level	0xE04E	Get/Set the audio input CH3 level.
Audio Input CH4 Level	0xE04F	Get/Set the audio input CH4 level.
Audio Input Master Level	0xE050	Get/Set the audio input master level.
Audio Input CH1 Input Select	0xE051	Get/Set the audio input CH1 input select.
Audio Input CH2 Input Select	0xE052	Get/Set the audio input CH2 input select.
Audio Input CH3 Input Select	0xE053	Get/Set the audio input CH3 input select.
Audio Input CH4 Input Select	0xE054	Get/Set the audio input CH4 input select.
Audio Input CH1 Wind Filter	0xE055	Get/Set the audio input CH1 wind filter.
Audio Input CH2 Wind Filter	0xE056	Get/Set the audio input CH2 wind filter.
Audio Input CH3 Wind Filter	0xE057	Get/Set the audio input CH3 wind filter.
Audio Input CH4 Wind Filter	0xE058	Get/Set the audio input CH4 wind filter.
Audio Output HDMI Monitor CH	0xE059	Get/Set the audio output HDMI monitor CH.
Pan-Tilt Acceleration Ramp Curve	0xE05C	Get/Set the pan-tilt acceleration ramp curve.
Remote Key Thumbnail Button	0xE05F	Get/Set the thumbnail button.
Remote Key SLOT Select Button	0xE060	Get/Set the slot select button.
Movie Rec Button (Toggle) Enable Status	0xE061	Get the movie recording button (toggle) enabled status.
Video Rec Format Bitrate Setting	0xE067	Get/Set the video recording format bitrate setting.
Valid Rec Video Format	0xE068	Get the valid recording video format.
Monitoring Output Format	0xE06C	Get/Set the monitoring output format.
AF Area Position(x,y) (AF-C)	0xE079	Get/Set the AF area position (x,y) for AF-C.
Image Stabilization Level (Movie)	0xE080	Get/Set the image stabilization level (movie).
Control General SettingFile Enable Status	0xE081	Get the control general SettingFile enabled status.
Movie Trimming Transfer Support Information	0xE082	Get the movie trimming transfer support information.
Function of Remote Touch Operation	0xE083	Get/Set the function of remote touch operation.
AF Assist	0xE084	Get/Set the AF assist.
Lens Information Enable Status	0xE086	Get the lens information enabled status.
Follow Focus Position Setting	0xE088	Get/Set the follow focus position.
Follow Focus Position Current Value	0xE089	Get the follow focus position current value.
Button Assignment Assignable.11	0xE08D	Get/Set the button assignment assignable 11.
Assignable Button 11	0xE08E	Get/Set the assignable button 11.
Assignable Button Indicator 11	0xE08F	Get the assignable button indicator 11.
Focus Speed Direct Sync	0xE092	Get/Set the focus speed direct sync.
Movie Quality FullAuto Mode	0xE0A0	Get/Set the movie quality FullAuto mode.
De-Squeeze Display Ratio	0xE0A4	Get/Set the De-Squeeze Display Ratio

Name	Code	Description
IR Remote Setting	0xE0A5	Get/Set whether the operation from the infrared remote control is turned on.
IP Setup Protocol Setting	0xE0A6	Get/Set whether the setting via the IP Setup Protocol is turned on.
Movie Rec Review Playing State	0xE07A	Get the movie recording review playing state.
Audio Input1 Type Select	0xE0AA	Get/Set the Audio Input1 Type Select
Audio Input2 Type Select	0xE0AB	Get/Set the Audio Input2 Type Select
Camera Power Status	0xE0AF	Get the Camera Power Status
Recordable Power Sources	0xE0B0	Get all power source kinds on which the recording function is available.
Video Rec Format Quality	0xE0B5	Get/Set the Recording quality
Pan Position Current Value	0xE0B6	Get the pan position current value.
Pan Position Status	0xE0B7	Get the pan position Status
Tilt Position Current Value	0xE0B8	Get the tilt position current value.
Tilt Position Status	0xE0B9	Get the tilt position Status
Pan Limit Range Minimum	0xE0BA	Get/Set the Pan Limit Range Minimum
Pan Limit Range Maximum	0xE0BB	Get/Set the Pan Limit Range Maximum
Tilt Limit Range Minimum	0xE0BC	Get/Set the Tilt Limit Range Minimum
Tilt Limit Range Maximum	0xE0BD	Get/Set the Tilt Limit Range Maximum
Pan Limit Mode	0xE0BE	Get/Set the Pan Limit Mode
Tilt Limit Mode	0xE0BF	Get/Set the Tilt Limit Mode
ControlPTZF Binary Version	0xE0C0	Get the enabled status and ControlPTZF command binary version.
Preset PTZF Number of Slots	0xE0CB	Get the Preset PTZF Number of Slots.
SetPresetPTZF Binary Version	0xE0CC	Get the enabled status and SetPresetPTZF command binary version.
Enlarge Screen Setting	0xE0CD	Get/Set the Enlarge Screen Setting.
Live View Image Quality by Numerical Value	0xE0CE	Get/Set the quality of live view images by a numerical value.
Red Tally Lamp Control	0xE0D2	Get/Set the Red Tally Lamp Control
Green Tally Lamp Control	0xE0D3	Get/Set the Green Tally Lamp Control
Yellow Tally Lamp Control	0xE0D4	Get/Set the Yellow Tally Lamp Control
Debug Mode	0xE0D5	Get/Set the Debug Mode
Wind Noise Reduct for External Mic.	0xE0D6	Get/Set the wind noise reduction for the external microphone.
Noise Cut Filter	0xE0D7	Get/Set the lens noise reduction
Noise Cut Filter for External Mic.	0xE0D8	Get/Set the lens noise reduction for the external microphone.
ContentInfoList update time (SLOT1)	0xE0D9	Get the media slot 1 ContentInfoList update time.
ContentInfoList update time (SLOT2)	0xE0DA	Get the media slot 2 ContentInfoList update time.

Name	Code	Description
CompRAW Shooting HDR	0xE0DB	Get/Set the CompRAW shooting HDR.
CompRAW Shooting HDR DR Setting	0xE0DC	Get/Set the CompRAW shooting HDR DR Setting
CompRAW Shooting HDR RAW File Type	0xE0DD	Get/Set the CompRAW shooting HDR RAW file type.
CompRAW Shooting HDR Number of Sheets	0xE0DE	Get/Set the CompRAW shooting HDR number of sheets.
Call Setting	0xE0E1	Get/Set the Call Setting
Manual Input for ND Filter Value	0xE0E2	Get/Set the manual input value of the ND filter
Log Shooting Mode (Still)	0xE0E3	Get/Set the still image log shooting mode
Log Shooting Mode Color Gamut (Still)	0xE0E4	Gets/Set the color gamut for the still image log shooting mode
ND Filter Position Setting	0xE0E5	Get/Set the the nd filter position with a absolute value.
SceneFile Command Version	0xE0E6	Get the enabled status and dataset version (SceneFile).
Eframing Tracking Start Mode	0xE0F0	Get/Set the eframing tracking start mode
Eframing Production Effect	0xE0F1	Get/Set the eframing production effect
DeleteContent Operation Enable Status (SLOT1)	0xE0F3	Get the DeleteContent Operation Enable Status （SLOT1）
DeleteContent Operation Enable Status (SLOT2)	0xE0F4	Get the DeleteContent Operation Enable Status （SLOT2）
Different Set for S&Q/Mv	0xE0F5	Get/Set the Different Set for S&Q/Mv
Angle of view Priority (Movie)	0xE0F6	Get/Set the Angle of view Priority (Movie)
Eframing Auto Framing	0xE0F8	Get/Set the eframing auto framing
SceneFile Indexes Available for Download	0xE0F9	Get the SceneFile Indexes Available for Download.
Shooting Enable Setting (License)	0xE0FA	Get/Set the Shooting Enable Setting(License)
Maximum Size of Image ID String	0xE0FE	Get the Maximum size of Image ID String
Digital Extender Magnification Setting	0xE100	Get/Set the digital extender magnification setting.
SceneFile Upload Operation Enable Status	0xE101	Get the SceneFile upload operation enabled status.
SceneFile Download Operation Enable Status	0xE102	Get the SceneFile download operation enabled status.
Monitor DISP (Screen Display) Mode Candidates(Still)	0xE107	Get the Still monitor DISP (screen display) mode candidates.
Monitor DISP (Screen Display) Mode Setting(Still)	0xE108	Get/Set the Still monitor DISP (screen display) mode setting.
Monitor DISP (Screen Display) Mode(Still)	0xE109	Get/Set the Still monitor DISP (screen display) mode.
Monitor DISP (Screen Display) Mode Candidates(Movie)	0xE10A	Get the Movie monitor DISP (screen display) mode candidates.
Monitor DISP (Screen Display) Mode Setting(Movie)	0xE10B	Get/Set the Movie monitor DISP (screen display) mode setting.

Name	Code	Description
Monitor DISP (Screen Display) Mode(Movie)	0xE10C	Get/Set the Movie monitor DISP (screen display) mode.
Grid Line Display (Playback) (License)	0xE10E	Get/Set the Grid Line Display
Grid Line Type	0xE10F	Get/Set the Grid Line Type
CustomGridLineFile Command Version (License)	0xE110	Get the enabled status and dataset version (CustomGridLineFile).
Home Menu Setting(Lower Left)	0xE111	Get/Set the Home Menu Setting(Lower Left)
Stream Button Enable Status	0xE112	Get the stream button enabled status.
Peaking Display	0xE11A	Get/Set the Peaking Display
Peaking Level	0xE11B	Get/Set the Peaking Level
Peaking Color	0xE11C	Get/Set the Peaking Color
Zebra Display	0xE11D	Get/Set the Zebra Display
Zebra Level	0xE11E	Get/Set the Zebra Level
Zebra Level Type (Custom)	0xE11F	Get/Set the Zebra Level Type (Custom)
Zebra Level Standard (Custom)	0xE120	Get/Set the Zebra Level Standard (Custom)
Zebra Level Range (Custom)	0xE121	Get/Set the Zebra Level Range (Custom)
Zebra Level Lower Limit (Custom)	0xE122	Get/Set the Zebra Level Lower Limit (Custom)
Marker Display	0xE123	Get/Set the Marker Display
Center Marker Display	0xE124	Get/Set the Center Marker Display
Aspect Marker Ratio (Movie)	0xE125	Get/Set the Aspect Marker Ratio (Movie)
Safety Zone Display	0xE126	Get/Set the Safety Zone Display
Guideframe Display	0xE127	Get/Set the Guideframe Display
Dual Gain	0xE12A	Get/Set the Dual Gain
Imager Mode	0xE131	Get/Set the the imager mode.
Display Quality (Finder)	0xE133	Get/Set the display quality (finder).
Display Quality (Monitor)	0xE134	Get/Set the display quality (monitor).

Controls

Name	Code	Description
Shutter Half-Release (S1) Button	0xD2C1	Control shutter half-release (S1) button.
Shutter Release (S2) Button	0xD2C2	Control shutter release (S2) button.
AEL Button	0xD2C3	Control AEL button.
Movie Rec Button (Hold)	0xD2C8	Control movie recording (S/S) button.
FEL Button	0xD2C9	Control FEL button.
Remote Key UP	0xD2CD	Execute remote key UP.
Remote Key DOWN	0xD2CE	Execute remote key DOWN.
Remote Key LEFT	0xD2CF	Execute remote key LEFT.

Name	Code	Description
Remote Key RIGHT	0xD2D0	Execute remote key RIGHT.
Near/Far	0xD2D1	Set the near/far.
AWBL Button	0xD2D9	Control AWBL button.
AF Area Position (x, y)	0xD2DC	Execute set AF area position (x, y).
Zoom Operation	0xD2DD	Execute the zoom operation.
Custom WB Capture Standby	0xD2DF	Execute the custom WB capture standby.
Custom WB Capture Standby Cancel	0xD2E0	Execute the custom WB capture standby cancel.
Custom WB Capture	0xD2E1	Execute the custom WB capture.
Selected Media Format	0xD2E2	Execute format the selected media.
High Resolution SS Adjust	0xD2E3	Execute the high resolution SS adjust.
Remote Touch Operation (x, y)	0xD2E4	Execute remote touch operation (x, y).
Cancel Remote Touch Operation	0xD2E5	Execute cancel remote touch operation.
S1 & S2 Button	0xD2E6	Execute shutter half-release (S1) and shutter release (S2) buttons.
Cancel Media Format	0xD2E7	Execute cancel media format.
Save Zoom and Focus Position	0xD2E9	Execute save zoom and focus position.
Load Zoom and Focus Position	0xD2EA	Execute load zoom and focus position.
APS-C or Full Switching	0xD2EB	Execute APS-C or full switching.
Color Temperature Step	0xD2EC	Set the color temperature.
White Balance Tint Step	0xD2ED	Set the white balance tint.
Reset Multi Matrix	0xD2EE	Execute multi matrix reset.
Focus Operation	0xD2EF	Execute the focus operation.
High Resolution SS Adjust In Integral Multiples	0xD2F0	Execute the high resolution SS adjust in integral multiples.
Flicker Scan	0xD2F1	Execute flicker scan.
Set PresetInfo ZoomOnly Value	0xD2F2	Set PresetInfo ZoomOnly value.
REC Settings Reset	0xD2F3	Execute recording settings reset.
ContShootSpotBoost Button	0xD2F6	Control spot boosting button.
Remote Key Cancel Back Button	0xD2F7	Execute remote key back button.
Remote Key Display Button	0xD2F8	Execute remote key display button.
Remote Key SET	0xD2F9	Execute remote key SET.
Remote Key RIGHT UP	0xD2FA	Execute remote key RIGHT UP.
Remote Key RIGHT DOWN	0xD2FB	Execute remote key RIGHT DOWN.
Remote Key LEFT UP	0xD2FC	Execute remote key LEFT UP.
Remote Key LEFT DOWN	0xD2FD	Execute remote key LEFT DOWN.
Movie Rec Button (2nd) (Toggle)	0xD2FE	Execute movie recording button (2nd).
Remote Key Menu Button	0xD2FF	Execute remote key menu button.
Pixel Mapping	0xD300	Execute pixel mapping.

Name	Code	Description
Power Off	0xD301	Execute power off.
Time Code Preset Reset	0xD302	Execute time code preset reset.
User Bit Preset Reset	0xD303	Execute user bit preset reset.
Sensor Cleaning	0xD304	Execute sensor cleaning.
Reset Picture Profile	0xD305	Execute picture profile reset.
Reset Creative Look	0xD306	Execute creative look reset.
Stream Button	0xD307	Control the Stream button.
Camera Button Function	0xD309	Execute camera button function on/off.
Camera Button Function Multi	0xD30A	Execute camera button function on/off.
Camera Dial Function	0xD30B	Execute camera dial function.
Camera Lever Function	0xD30C	Execute camera lever funciton.
Tracking On + AF On Button	0xD30D	Control tracking on + AF on button.
Forced File Number Reset	0xD30E	Execute forced file number reset.
Set PostView Enable	0xD312	Set PostView enable.
Set LiveView Enable	0xD313	Set live view enable.
Create New Folder(still)	0xD314	Create a new folder (still).
Camera Standby	0xD315	Execute Camera Standby
Power On	0xD316	Execute Power On
Shutter ECS Number Step	0xF000	Set the shutter ECS number.
Movie Rec Button (Toggle)	0xF001	Control movie recording button (toggle).
Cancel Focus Position	0xF002	Execute cancel absolute focus position.
Zoom Operation with INT16	0xF003	Execute zoom operation by specifying direction and speed.
Focus Operation with INT16	0xF004	Execute focus operation by specifying direction and speed.
Cancel Zoom Position	0xF00C	Execute cancel absolute zoom position.
USB Connection Mode Request	0xF012	Execute USB connection mode request
Preset PTZF Recall	0xF015	Execute Preset PTZF Recall.

Events

Name	Code	Description
StoreAdded	0x4004	same as PIMA 15740
StoreRemoved	0x4005	same as PIMA 15740
SDIE_ObjectAdded	0xC201	Notify that a shot file is ready to transfer.
SDIE_ObjectRemoved	0xC202	Notify that a shot file is deleted. The device sends this event when the shot file is transferred.
SDIE_DevicePropChanged	0xC203	Notify that the DevicePropValue is changed.

Name	Code	Description
SDIE_DateTimeSettingResult	0xC205	Notify Date/Time Setting result.
SDIE_CapturedEvent	0xC206	Notify a captured event.
SDIE_CWBCapturedResult	0xC208	Notify the result of Custom WB capture.
SDIE_CameraSettingReadResult	0xC209	Notify the result of camera-setting read.
SDIE_FTPSettingReadResult	0xC20A	Notify the result of FTP-setting read.
SDIE_MediaFormatResult	0xC20B	Notify the result of media format.
SDIE_ContentsTransferEvent	0xC20D	Notify that the ContentTransferEvent.
SDIE_ZoomandFocusPositionEvent	0xC20E	Notify the Zoom and Focus Position Event.
SDIE_DisplayListChangedEvent	0xC20F	Notify an update of DisplayStringList.
SDIE_MediaProfileChanged	0xC210	Notify that the media profile is changed.
SDIE_ControlJobListEvent	0xC211	Notify the Control Job List Event.
SDIE_ControlUploadDataResult	0xC214	Notify the result of ControlUpload.
SDIE_ZoomPositionResult	0xC217	Notify the zoom position result.
SDIE_FocusPositionResult	0xC218	Notify the focus position result.
SDIE_ControlGeneralSettingResult	0xC21A	Notify the control general setting result.
SDIE_LensInformationChanged	0xC21B	Notify that the lens information is changed.
SDIE_FirmwareUpdateCheckResult	0xC21D	
SDIE_FirmwareUpdateEvent	0xC21E	
SDIE_StreamStatusEvent	0xC21F	Notify the stream status event.
SDIE_OperationResults	0xC222	Notify the operation results.
SDIE_AFStatus	0xC223	Notify the AF status.
SDIE_MovieRecOperationResults	0xC224	Notify the execution results of Movie Rec Operation.
SDIE_PresetInfoListChanged	0xC226	Notify that the PresetInfo List is changed.
SDIE_CautionDisplayEvent	0xC228	Notify the CautionDisplayEvent.
SDIE_ContentInfoListChanged	0xC234	Notify that the ContentInfo List is changed.
SDIE_ControlPTZFResult	0xC238	Notify the ControlPTZF result.
SDIE_PresetPTZFEvent	0xC239	Notify the PresetPTZF Event.
SDIE_DeleteContentResult	0xC240	Notify the DeleteContentResult

Vendor Response Code

Name	Code	Description
Authentication Failed	0xA101	Indicates that the major version of the connected host is less than that of the camera. It also indicates that authentication fails due to some other factor.
Password Length Over Max	0xA102	Indicates that the password length is over max.
Password Includes Invalid Character	0xA103	Indicates that the password includes invalid character.

Name	Code	Description
Feature Version Invalid Value	0xA104	Indicates that the feature version is invalid value.
Temporary Storage Full	0xA105	Indicates that the temporary storage is full.
Camera Status Error	0xA106	Indicates that a camera status error occurred.

Object Format

Name	Code	Description
EXIF/JPG	0x3801	For JPEG File
RAW	0xB101	For RAW File
HEIF	0xB110	For HEIF File
MPO	0xB301	For MPO File
JFIF	0x3808	For JFIF File

Compatibility

To ensure that the camera works as expected, please check the operation of the camera in your environment before use.

Operations

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0x1001	GetDeviceInfo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x1002	OpenSession	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x1003	CloseSession	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x1004	GetStorageIDs	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x1005	GetStorageInfo	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x1006	GetNumObjects	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓			✓							
0x1007	GetObjectHandles	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x1008	GetObjectInfo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0x1009	GetObject	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0x100A	GetThumb	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓			✓							
0x100D	SendObject	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓									
0x101B	GetPartialObject	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0x9803	GetObjectPropValue	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x9805	GetObjectPropList	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x9201	SDIO_Connect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x9202	SDIO_GetExtDeviceInfo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x9205	SDIO_SetExtDevicePropValue	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x9207	SDIO_ControlDevice	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x9209	SDIO_GetAllExtDevicePropInfo	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x920F	SDIO_SetFTPSettingFilePassword	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																
0x9210	SDIO_OpenSession	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓					✓		
0x9211	SDIO_GetPartialLargeObject	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x9212	SDIO_SetContentsTransferMode	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x9215	SDIO_GetDisplayStringList	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓	✓
0x9216	SDIO_GetVendorCodeVersion	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
0x9217	SDIO_GetFTPJobList																													✓	✓			✓	✓	✓
0x9218	SDIO_ControlFTPJobList																													✓	✓			✓	✓	✓
0x921A	SDIO_UploadData	✓		✓		✓				✓		✓	✓	✓			✓	✓	✓	✓			✓				✓			✓	✓			✓	✓	✓
0x921B	SDIO_ControlUploadData	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓			✓	✓	✓
0x921D	SDIO_DownloadData																													✓	✓			✓	✓	✓
0x921F	SDIO_GetFTPSettingList	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0x9220	SDIO_SetFTPSettingList	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0x9221	SDIO_ControlGeneralSettingFile																							✓		✓				✓	✓			✓	✓	✓
0x9222	SDIO_GetControlGeneralSettingResultFile																							✓		✓				✓	✓			✓	✓	✓
0x9223	SDIO_GetLensInformation	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓							✓	✓					

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0x9227	SDIO_RequestFirmwareUpdateCheck					✓	✓			✓	✓	✓					✓																		✓	✓	✓
0x9228	SDIO_SetFirmwareUpdateMode					✓	✓			✓	✓	✓					✓																		✓	✓	✓
0x9229	SDIO_UploadPartialData	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓																		✓	✓	✓
0x922A	SDIO_ExecuteEFraming																	✓	✓																✓	✓	✓
0x922F	SDIO_OperationResultsSupported	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓					✓	✓	✓	✓	✓	✓
0x9231	SDIO_GetPresetInfoList	✓	✓	✓		✓				✓		✓								✓			✓														
0x9233	SDIO_GetDisplayFTPResult	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																	
0x9238	SDIO_GetOSDImage	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓						✓							✓	✓	✓
0x9239	SDIO_GetRestrictionInfo	✓	✓	✓		✓				✓	✓	✓				✓		✓	✓	✓	✓		✓				✓					✓	✓			
0x923A	SDIO_GetDeviceDescriptionFile	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0x923B	SDIO_GetCapturedDateList	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0x923C	SDIO_GetContentInfoList	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0x923D	SDIO_GetContentData	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0x923E	SDIO_GetContentCompressedData	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0x9241	SDIO_GetStreamSettingList																																	✓	✓	✓
0x9242	SDIO_SetStreamSettingList																																	✓	✓	✓
0x9245	SDIO_ControlPTZF																															✓	✓			
0x9246	SDIO_SetPresetPTZF																															✓	✓			
0x9247	SDIO_GetFirmwareUpdateInfo					✓	✓			✓	✓	✓					✓																	✓	✓	✓
0x9248	SDIO_GetAreaTimeZoneSetting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓							✓									
0x9249	SDIO_SetAreaTimeZoneSetting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓							✓									
0x924D	SDIO_GetLicenseInfoList		✓			✓	✓			✓	✓	✓																								
0x9250	SDIO_DeleteContent	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓																			
0x9251	SDIO_GetExtDeviceProp	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓																			

Device Properties

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0x5005	White Balance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0x5007	F-Number	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0x500A	Focus Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0x500B	Exposure Metering Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓				
0x500C	Flash Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓									
0x500E	Exposure Program Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0x5010	Exposure Bias Compensation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓				
0x5013	Still Capture Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD000	T-Number																														✓						
0xD001	Iris Mode Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓										✓	✓	✓	✓	✓	✓	✓	✓
0xD002	Iris Close Setting																													✓	✓	✓	✓	✓	✓	✓	✓
0xD003	Iris Display Unit																													✓	✓	✓	✓	✓	✓	✓	✓
0xD004	Focal Distance in Meter	✓	✓	✓		✓				✓		✓					✓			✓			✓							✓	✓	✓	✓	✓	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD005	Focal Distance in Feet																													✓	✓	✓	✓	✓	✓	✓
0xD006	Focal Distance Unit Setting																													✓	✓	✓	✓	✓	✓	✓
0xD007	Focus Mode Setting	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓			✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD008	Focus Speed Range																													✓	✓	✓	✓	✓	✓	✓
0xD00A	Digital Zoom Scale																													✓	✓	✓	✓	✓	✓	✓
0xD00B	Zoom Distance	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD00C	White Balance Mode Setting																													✓	✓	✓	✓	✓	✓	✓
0xD00D	White Balance Tint																													✓	✓	✓	✓	✓	✓	✓
0xD00E	Shutter Angle																	✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD00F	Shutter Setting																													✓	✓	✓	✓		✓	✓
0xD010	Shutter Mode																	✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD011	Shutter Mode Status																													✓	✓	✓	✓	✓	✓	✓
0xD012	Shutter Select Mode																													✓	✓	✓	✓	✓	✓	✓
0xD013	Shutter Mode Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD014	Shutter Slow																	✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD015	Shutter Slow Frames																	✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD016	Shutter Speed Value																													✓	✓	✓	✓	✓	✓	✓
0xD017	Shutter Speed Current Value																													✓	✓	✓	✓	✓	✓	✓
0xD018	ND Filter																													✓	✓	✓	✓	✓	✓	✓
0xD019	ND Filter Mode																													✓	✓	✓	✓	✓	✓	✓
0xD01A	ND Filter Mode Setting																													✓	✓	✓	✓	✓	✓	✓
0xD01B	ND Filter Value																													✓	✓	✓	✓	✓	✓	✓
0xD01C	Gain Control Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD01D	Gain Unit Setting																													✓	✓	✓	✓	✓	✓	✓
0xD01E	Gain dB Value																													✓	✓	✓	✓	✓	✓	✓
0xD01F	Gain dB Current Value																													✓	✓	✓	✓	✓	✓	✓
0xD020	Gain Base ISO Sensitivity																	✓	✓	✓										✓	✓	✓				
0xD021	Gain Base Sensitivity																													✓	✓	✓				
0xD022	Exposure Index																	✓	✓	✓										✓	✓	✓				
0xD023	ISO Current Sensitivity	✓	✓	✓		✓	✓			✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓		✓	✓
0xD024	Recording Resolution for Main (Movie)																													✓	✓	✓	✓	✓	✓	✓
0xD025	Recording Resolution for Proxy (Movie)																													✓	✓			✓	✓	✓
0xD027	Proxy File Format (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD028	Recording Frame Rate Proxy Setting (Movie)																													✓	✓	✓	✓	✓	✓	✓
0xD029	Zoom Distance Unit Setting																													✓	✓	✓	✓	✓	✓	✓
0xD02A	Sync ID for FTP Job List																													✓	✓			✓	✓	✓
0xD02B	Media SLOT1 Rec Available Type																													✓	✓	✓	✓	✓	✓	✓
0xD02C	Media SLOT2 Rec Available Type																													✓	✓	✓	✓	✓	✓	✓
0xD02E	Select FTP ServerID																													✓	✓			✓	✓	✓
0xD02F	Movie Playing State																													✓	✓	✓	✓	✓	✓	✓
0xD030	Movie Playing Speed																													✓	✓	✓	✓	✓	✓	✓
0xD031	Media SLOT1 ProfileUrl																													✓	✓	✓	✓	✓	✓	✓
0xD032	Media SLOT2 ProfileUrl																													✓	✓	✓	✓	✓	✓	✓
0xD035	Media SLOT1 Player																													✓	✓	✓	✓	✓	✓	✓
0xD036	Media SLOT2 Player																													✓	✓	✓	✓	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD037	Battery Remain Display Unit																													✓	✓			✓	✓	✓
0xD038	Battery Remaining in Minutes																													✓	✓			✓	✓	✓
0xD039	Battery Remaining in Voltage																													✓	✓			✓	✓	✓
0xD03A	Power Source																													✓	✓	✓	✓	✓	✓	✓
0xD03B	AWB																													✓	✓	✓	✓	✓	✓	✓
0xD03C	BaseLook Value	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD03E	DC Voltage																													✓	✓		✓	✓	✓	✓
0xD040	Software Version	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD041	FTP Function	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD042	Playback Media	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD043	REC Settings Reset Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓			✓	✓									
0xD044	Monitor DISP (Screen Display) Mode Candidates	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓									
0xD045	Monitor DISP (Screen Display) Mode Setting	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓			✓	✓									
0xD046	Monitor DISP (Screen Display) Mode	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓			✓	✓									
0xD047	Touch Operation	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓			✓	✓									
0xD048	Select Finder/Monitor	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓				✓							✓									
0xD049	Auto Power OFF Temperature	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓			✓	✓									
0xD04A	Body Key Lock	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓			✓	✓									
0xD04B	Image ID (Numerical Value)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓									
0xD04C	Image ID (String)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓									
0xD04D	Monitor LUT Setting (All Line)	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD04E	Auto FTP Transfer	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD04F	Auto FTP Transfer Target	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD050	Simul Rec Setting																															✓	✓	✓	✓	✓
0xD051	S&Q Mode Setting																													✓	✓	✓	✓	✓	✓	✓
0xD052	S&Q Frame Rate	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD053	Picture Cache Rec Setting																															✓		✓	✓	
0xD054	Picture Cache Rec Size and Time																															✓		✓	✓	
0xD055	Interval REC (Movie) Time	✓		✓		✓				✓			✓	✓		✓	✓						✓									✓				
0xD056	Interval REC (Movie) Frames																															✓				
0xD057	Upload Dataset Version	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓			✓	✓	✓
0xD059	BaseLookImport Command Version	✓		✓		✓				✓		✓	✓	✓			✓	✓	✓	✓	✓		✓				✓			✓				✓	✓	✓
0xD05B	Push Auto Iris																																✓	✓	✓	✓
0xD05C	Push AGC																																✓	✓	✓	✓
0xD05D	Push Auto ND Filter																																✓	✓	✓	✓
0xD05E	Push Auto Focus																																✓	✓	✓	✓
0xD05F	Imager Scan Mode																															✓				
0xD060	Subject Recognition AF	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓			✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD061	AF Transition Speed	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓			✓				✓			✓	✓	✓	✓		✓	✓
0xD062	AF Subj Shift Sens	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓			✓				✓			✓	✓	✓	✓		✓	✓
0xD063	Recording Resolution For RAW (Movie)																															✓				
0xD064	Touch Function in MF																																✓	✓	✓	✓
0xD065	Paint/Look Master Black																																✓	✓	✓	✓
0xD066	Paint/Look R Black																																✓	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD067	Paint/Look B Black																																✓	✓	✓	✓
0xD068	Paint/Look Knee Setting																																✓	✓	✓	✓
0xD069	Paint/Look Auto Knee																																✓	✓	✓	✓
0xD06A	Paint/Look Knee Point																																✓	✓	✓	✓
0xD06B	Paint/Look Knee Slope																																✓	✓	✓	✓
0xD06C	Paint/Look Detail Setting																																✓	✓	✓	✓
0xD06D	Paint/Look Detail Level																																✓	✓	✓	✓
0xD073	ND Filter Switching Setting																													✓	✓	✓	✓	✓	✓	✓
0xD074	ND Filter Preset Select																																✓	✓	✓	✓
0xD075	ND Filter Preset 1 Value																																✓	✓	✓	✓
0xD076	ND Filter Preset 2 Value																																✓	✓	✓	✓
0xD077	ND Filter Preset 3 Value																																✓	✓	✓	✓
0xD078	Monitoring Output Display SDI																																	✓	✓	
0xD079	Monitoring Output Display HDMI	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓							✓	✓	✓
0xD07A	Camera System Error Info																																✓	✓	✓	✓
0xD07B	Lens Model Name	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓									✓				
0xD07C	Lens Serial Number																															✓				
0xD07D	Lens Version Number	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓									✓				
0xD07F	Simul Rec Setting (Movie Rec Button)																																✓	✓	✓	✓
0xD080	Displayed Menu Status																																✓	✓	✓	✓
0xD085	White Balance Switch																																✓	✓	✓	✓
0xD086	White Balance Preset Color Temperature																																✓	✓	✓	✓
0xD087	White Balance R Gain																																✓	✓	✓	✓
0xD088	White Balance B Gain																																✓	✓	✓	✓
0xD089	White Balance Offset Color Temp ATW																																✓	✓	✓	✓
0xD08A	White Balance Offset Tint ATW																																✓	✓	✓	✓
0xD08B	BaseLookImport Operation Enable Status	✓		✓		✓				✓			✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD08F	Language Setting																																✓			
0xD091	Auto Focus Hold																																✓	✓	✓	✓
0xD092	Image ID (Numerical Value) Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓									
0xD099	Exposure Ctrl Type	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓																
0xD09A	FTPSettingList Operation Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD09C	Playback Contents Recording Date/Time																																✓	✓	✓	✓
0xD09D	Playback Contents Name																																✓	✓	✓	✓
0xD09E	Playback Contents Number																																✓	✓	✓	✓
0xD09F	Playback Contents Total Number																																✓	✓	✓	✓
0xD0A0	Playback Contents Recording Resolution																																✓	✓	✓	✓
0xD0A1	Playback Contents Recording Frame Rate																																✓	✓	✓	✓
0xD0A2	Playback Contents Recording File Format																																✓	✓	✓	✓
0xD0A4	Playback Contents Gamma Type																																✓			
0xD0A9	White Balance Offset Setting																																✓	✓	✓	✓
0xD0AA	White Balance Offset Color Temp																																✓	✓	✓	✓
0xD0AB	Focus Bracket Shooting Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓	✓		✓													

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD0AC	Video Stream Select																																	✓	✓	✓
0xD0AD	Video Stream Codec																																	✓	✓	✓
0xD0AE	Video Stream Resolution																																	✓	✓	✓
0xD0B5	Video Stream Bit Rate Compression Mode																																	✓	✓	✓
0xD0BC	Camera Operating Mode	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD0BD	Playback View Mode																													✓	✓	✓	✓	✓	✓	✓
0xD0BF	Firmware Update Command Version					✓	✓			✓	✓	✓					✓																	✓	✓	✓
0xD0C0	Firmware Update Status					✓	✓			✓	✓	✓					✓																	✓	✓	✓
0xD0C1	Maximum number of bytes	✓				✓	✓			✓	✓	✓					✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD0C3	BaseLook Name of Playback																																✓			
0xD0C4	BaseLook Applied of Playback																																✓			
0xD0C5	Type-C Accessory Mode					✓				✓			✓	✓		✓	✓				✓		✓				✓									
0xD0C6	Pixel Mapping Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD0C7	Delete UserBaseLook	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓				✓	✓	✓
0xD0C8	Select UserBaseLook to Edit	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓		✓	✓	✓	✓
0xD0C9	UserBaseLook Input	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓		✓	✓	✓	✓
0xD0CA	UserBaseLook AE Level Offset	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓		✓	✓	✓	✓
0xD0CB	Base ISO Switch EI																		✓	✓																
0xD0CC	Select BaseLook to Set in PPLUT	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓				✓									
0xD0CD	Eframing Scale (Auto)	✓		✓		✓				✓			✓	✓		✓				✓	✓												✓	✓	✓
0xD0CE	Eframing Speed (Auto)	✓		✓		✓				✓			✓	✓		✓				✓	✓												✓	✓	✓
0xD0CF	Camera Eframing	✓		✓		✓				✓			✓	✓		✓		✓	✓	✓	✓												✓	✓	✓
0xD0D0	S&Q Rec Frame Rate	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓				✓									
0xD0D1	S&Q Record Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓				✓									
0xD0D2	Audio Recording	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓									
0xD0D3	Time Code Preset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D4	User Bit Preset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D5	Time Code Format	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D6	Time Code Run	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D7	Time Code Make	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D8	User Bit Time Rec	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0D9	Image Stabilization Steady Shot	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD0DA	Image Stabilization Steady Shot (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓				✓				✓	✓
0xD0DB	Silent Mode	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓													
0xD0DC	Silent Mode Aperture Drive in AF	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓													
0xD0DD	Silent Mode Shutter When Power OFF	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓						✓																
0xD0DE	Silent Mode Auto Pixel Mapping	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓																
0xD0DF	Shutter Type	✓	✓			✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓							✓									
0xD0E0	Picture Profile BlackLevel	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E1	Picture Profile Gamma	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E2	Picture Profile BlackGamma Range	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E3	Picture Profile BlackGamma Level	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E4	Picture Profile Knee Mode	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD0E5	Picture Profile Knee AutoSet MaxPoint	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E6	Picture Profile Knee AutoSet Sensitivity	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E7	Picture Profile Knee ManualSet Point	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E8	Picture Profile Knee ManualSet Slope	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0E9	Picture Profile Color Mode	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0EA	Picture Profile Saturation	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0EB	Picture Profile ColorPhase	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0EC	Picture Profile Color Depth Red	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0ED	Picture Profile Color Depth Green	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0EE	Picture Profile Color Depth Blue	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0EF	Picture Profile Color Depth Cyan	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F0	Picture Profile Color Depth Magenta	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F1	Picture Profile Color Depth Yellow	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F2	Picture Profile Detail Level	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F3	Picture Profile Detail Adjust Mode	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F4	Picture Profile Detail Adjust V/H Balance	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F5	Picture Profile Detail Adjust B/W Balance	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F6	Picture Profile Detail Adjust Limit	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F7	Picture Profile Detail Adjust Crispening	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F8	Picture Profile Detail Adjust Highlight Detail	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0F9	Copy Picture Profile	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FA	Creative Look	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FB	Creative Look Contrast	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FC	Creative Look Highlights	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FD	Creative Look Shadows	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FE	Creative Look Fade	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD0FF	Creative Look Saturation	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD100	Creative Look Sharpness	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD101	Creative Look Sharpness Range	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD102	Creative Look Clarity	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD103	Custom Look Image Style	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD104	Time Code Preset Reset Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD105	User Bit Preset Reset Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD106	Sensor Cleaning Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓															
0xD107	Reset Picture Profile Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD108	Reset Creative Look Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD109	Proxy Record Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓						✓			
0xD10E	Video Stream Adaptive Rate Control																																	✓	✓	✓
0xD10F	Video Stream Resolution Method																																	✓	✓	✓
0xD113	Stream Cipher Type																																	✓	✓	✓
0xD116	Stream Latency																																	✓	✓	✓
0xD117	Stream TTL																																	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD118	Stream Mode Setting																																	✓	✓	✓
0xD119	Stream Status																																	✓	✓	✓
0xD11A	Video Stream Movie Rec Permission																																	✓	✓	✓
0xD11B	Audio Stream Codec Type																																	✓	✓	✓
0xD11C	Audio Stream Sampling Frequency																																	✓	✓	✓
0xD11D	Audio Stream Bit Depth																																	✓	✓	✓
0xD11E	Audio Stream Channel																																	✓	✓	✓
0xD11F	Interval REC (Movie) Count Down Interval Time	✓		✓		✓				✓			✓	✓		✓	✓				✓		✓													
0xD120	Recording Duration	✓		✓		✓				✓			✓	✓		✓	✓				✓		✓													
0xD122	Eframing Type																	✓	✓															✓	✓	✓
0xD123	Eframing Command Version																	✓	✓															✓	✓	✓
0xD124	Eframing Mode (Auto)	✓		✓		✓				✓			✓	✓						✓	✓															
0xD127	Eframing Speed (PTZ)																	✓	✓															✓	✓	✓
0xD12D	Second Battery Remaining	✓		✓		✓				✓																										
0xD12E	Second Battery Level Indicator	✓		✓		✓				✓																										
0xD12F	ContShootSpotBoostSpeed	✓		✓		✓				✓																										
0xD130	ContShootSpotBoost Status	✓		✓		✓				✓																										
0xD131	ContShootSpotBoost Enable Status	✓		✓		✓				✓																										
0xD132	Select IPTC Metadata	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓						✓																
0xD133	Flicker Less Shooting	✓	✓	✓		✓				✓			✓	✓		✓	✓			✓																
0xD134	Flicker Less Shooting Status	✓	✓	✓		✓				✓										✓																
0xD135	Custom WB Size Setting	✓	✓	✓		✓				✓		✓								✓			✓				✓									
0xD138	AF Free Size and Position Setting	✓		✓		✓	✓			✓	✓	✓								✓			✓				✓									
0xD139	Paint/Look User Matrix Setting																																✓			
0xD13A	Paint/Look User Matrix Level																																✓			
0xD13B	Paint/Look User Matrix Phase																																✓			
0xD13C	Paint/Look User Matrix R-G																																✓			
0xD13D	Paint/Look User Matrix R-B																																✓			
0xD13E	Paint/Look User Matrix G-R																																✓			
0xD13F	Paint/Look User Matrix G-B																																✓			
0xD140	Paint/Look User Matrix B-R																																✓			
0xD141	Paint/Look User Matrix B-G																																✓			
0xD142	Paint/Look Multi Matrix Setting																																✓			
0xD143	Paint/Look Multi Matrix Axis																																✓			
0xD144	Paint/Look Multi Matrix Hue																																✓			
0xD145	Paint/Look Multi Matrix Saturation																																✓			
0xD148	CompRAW Shooting NR	✓		✓		✓				✓																										
0xD149	CompRAW Shooting NR RAW File Type	✓		✓		✓				✓																										
0xD14A	FTP Transfer Still Quality Size	✓	✓	✓		✓	✓			✓	✓								✓	✓																
0xD14B	FTP Transfer Target (Proxy)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD14C	FTP Power Save	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																
0xD14D	ISO Auto Min Shutter Speed Mode	✓	✓	✓		✓				✓	✓	✓	✓	✓			✓		✓	✓			✓				✓									

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD14E	ND Filter Unit Setting																													✓	✓					
0xD14F	ND Filter Optical Density Value																													✓	✓					
0xD150	USB Power Supply	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓									
0xD151	Interval REC (Movie) Frame Rate	✓		✓		✓				✓			✓	✓		✓	✓						✓													
0xD152	Interval REC (Movie) Record Setting	✓		✓		✓				✓			✓	✓		✓	✓						✓													
0xD153	Eframing Recording Image Crop	✓		✓		✓				✓			✓	✓		✓		✓	✓	✓	✓													✓	✓	✓
0xD154	Eframing HDMI Crop	✓		✓		✓				✓			✓	✓		✓		✓	✓	✓	✓													✓	✓	✓
0xD155	Synchroterminal Forced Output	✓		✓																																
0xD156	Shutter Release Time Lag Control	✓		✓		✓																														
0xD157	Subject Recognition in AF	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD158	Recognition Target	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD159	Right/Left Eye Select	✓	✓	✓		✓				✓	✓	✓	✓	✓		✓	✓		✓	✓			✓				✓									
0xD15A	CompRAW Shooting NR Number of Sheets	✓		✓		✓				✓																										
0xD15B	Long Exposure NR	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓		✓							✓									
0xD15C	High ISO NR	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD15D	HLG Still Image	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD15E	Color Space (Still Image)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD15F	Recording Media (Still Image)	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD160	Recording Media (Movie)	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD161	Auto Switch Media	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD162	Continuous Shooting Speed in Electric Shutter(Hi+)	✓		✓		✓				✓																										
0xD163	Continuous Shooting Speed in Electric Shutter(Hi)	✓	✓	✓		✓				✓																										
0xD164	Continuous Shooting Speed in Electric Shutter(Mid)	✓	✓	✓		✓				✓																										
0xD165	Continuous Shooting Speed in Electric Shutter(Lo)	✓	✓	✓		✓				✓																										
0xD166	Bracket order	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD167	Focus Bracket order	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓			✓	✓		✓													
0xD168	Focus Bracket Exposure Lock 1st Img	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓			✓	✓		✓													
0xD169	Focus Bracket Interval Until Next Shot	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓			✓	✓		✓													
0xD16A	Interval REC (Still) Shooting Start Time	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD16B	Interval REC (Still) Shooting Interval	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD16C	Interval REC (Still) Number of Shots	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD16D	Interval REC (Still) AE Tracking Sensitivity	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD16E	Interval REC (Still) Shutter Type	✓	✓			✓	✓			✓	✓	✓	✓	✓			✓	✓		✓							✓									
0xD16F	Interval REC (Still) Shoot Interval Priority	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD170	e-Front Curtain Shutter					✓	✓			✓	✓	✓						✓																		
0xD171	Wind Noise Reduct	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓	✓		✓				✓									
0xD172	Audio Level Display																																			
0xD173	Auto Slow Shutter	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD176	ISO Auto Min Shutter Speed Manual	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD177	ISO Auto Min Shutter Speed Preset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓									
0xD178	Soft Skin Effect	✓		✓		✓	✓			✓	✓		✓	✓			✓				✓		✓				✓							✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD179	Priority Set in AF-S	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD17A	Priority Set in AF-C	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD17B	Focus Magnification Time	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD17C	Playback Volume Settings	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓	✓		✓				✓										
0xD17D	Auto Review	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD17E	Audio Signals	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓	✓		✓				✓										
0xD17F	HDMI Resolution (Still/Play)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD180	HDMI Output Rec Media (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD181	HDMI Output Resolution (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD182	HDMI Output 4K Set (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD183	HDMI Output RAW (Movie)	✓	✓	✓		✓	✓					✓		✓			✓	✓	✓	✓																	
0xD184	HDMI Output Raw Setting (Movie)	✓	✓	✓		✓						✓		✓			✓	✓	✓	✓																	
0xD185	HDMI Output Color Gamut for RAW Out (Movie)		✓				✓																														
0xD186	HDMI Output Time Code (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD187	HDMI Output REC Control (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓				✓										
0xD189	TimeShift Shooting	✓		✓		✓				✓																											
0xD18A	TimeShift Trigger Setting	✓		✓		✓				✓																											
0xD18B	TimeShift PreShooting Time Setting	✓		✓		✓				✓																											
0xD18C	Top of the Group Shooting Mark Setting	✓		✓		✓				✓										✓																	
0xD18E	Media SLOT3 Status																														✓						
0xD18F	Media SLOT3 Remaining shooting time																														✓						
0xD190	Media SLOT3 Rec Available Type																														✓						
0xD191	Media SLOT3 ProfileUrl																														✓						
0xD192	Image Stabilization Steady Shot Adjust	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓								✓						
0xD193	Image Stabilization Steady Shot Focal Length	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓								✓						
0xD194	Camera Shake Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD195	Update Body Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD196	Embed LUT File	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD197	Media SLOT1 Writing State	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD198	Media SLOT2 Writing State	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																	
0xD199	Auto FTP Transfer Target (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																	
0xD19A	FTP Transfer Target	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																	
0xD19B	TimeShift Shooting Status	✓		✓		✓				✓																											
0xD19C	Focus Driving Status (Absolute)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓														
0xD19D	Zoom Driving Status (Absolute)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓										✓				
0xD19E	Default AF Free Size and Position Setting	✓		✓		✓	✓			✓	✓	✓								✓			✓				✓										
0xD19F	Extended Shutter Speed	✓	✓	✓		✓				✓		✓								✓			✓				✓										
0xD1A2	Lens Compensation Shading	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1A3	Lens Compensation Chromatic Aberration	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1A4	Lens Compensation Distortion	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1A5	Lens Compensation Breathing	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓														

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD1A6	Focus Bracket Recording Folder	✓	✓	✓		✓	✓			✓		✓	✓	✓		✓	✓			✓	✓		✓														
0xD1A7	Release without Lens	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓														
0xD1A8	Release without Card	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1A9	Image Stabilization Framing Stabilizer	✓				✓				✓			✓	✓						✓	✓																
0xD1AA	Priority Set in AWB	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1AB	AF Illuminator	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓									✓										
0xD1AC	Aperture Drive in AF	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓														
0xD1AD	AF with Shutter	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1AE	Full Time DMF	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓																	
0xD1AF	Pre-AF	✓	✓	✓			✓				✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B0	Display Quality (Finder/Monitor)	✓	✓	✓			✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓										
0xD1B1	Audio Signals Volume	✓		✓		✓				✓										✓			✓				✓										
0xD1B2	Control for HDMI	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B3	Anti-dust Shutter When Power Off	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓						✓																	
0xD1B4	Shooting Self-timer Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B5	Metered Manual Level	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B6	ISO Auto Range Limit (min)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B7	ISO Auto Range Limit (max)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1B8	Face/Eye Frame Display	✓		✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓		✓				✓										
0xD1BA	AF in Focus Magnifier	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1BB	Camera Error Caution Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1BC	System Error Caution Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1BD	Initial Focus Magnifier (Still)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1BE	Remote Save Image Size	✓	✓	✓		✓	✓			✓	✓								✓	✓																	
0xD1BF	Program Shift Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1C1	Wake on LAN	✓		✓																																
0xD1C6	Tracking On + AF On Enable Status	✓	✓	✓		✓	✓			✓	✓		✓	✓		✓	✓		✓	✓	✓		✓				✓										
0xD1C7	APS-C/Super 35mm Shooting	✓		✓		✓	✓			✓	✓	✓					✓	✓		✓	✓																
0xD1C8	Recording File Number (Still)	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓										
0xD1C9	Forced File Number Reset Enable Status	✓		✓		✓				✓	✓	✓	✓	✓		✓	✓	✓		✓			✓				✓										
0xD1CA	Recording Setting File Name	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1CB	Recording Folder Format	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1CC	StreamSettingList Operation Enable Status																																	✓	✓	✓
0xD1CD	Write Copyright Info	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1CE	Set Photographer	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1CF	Set Copyright	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1D0	File Settings Camera ID																	✓	✓	✓																
0xD1D1	File Settings Reel Number																	✓	✓	✓																
0xD1D2	File Settings Camera Position																	✓	✓	✓																
0xD1D4	ContentInfoList Enable Status (SLOT1)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓										
0xD1D5	ContentInfoList Enable Status (SLOT2)	✓	✓	✓		✓	✓			✓	✓	✓				✓		✓	✓	✓																	
0xD1D6	ContentInfoList regenerate time (SLOT1)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓										
0xD1D7	ContentInfoList regenerate time (SLOT2)	✓	✓	✓		✓	✓			✓	✓	✓				✓		✓	✓	✓																	

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD1DA	PostView Transfer Resource Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0xD1DB	Create New Folder (Still) Enable Status	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD1DC	File Settings Title Name Settings	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD1DD	Microphone directivity																				✓		✓													
0xD1DE	Grid Line Display	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓									
0xD1DF	Product Showcase Set																				✓		✓													
0xD1E0	Amount of Defocus Setting																				✓		✓													
0xD1E1	Cinematic Vlog Setting																				✓		✓													
0xD1E2	Cinematic Vlog Look																				✓		✓													
0xD1E3	Cinematic Vlog Mood																				✓		✓													
0xD1E4	Cinematic Vlog AF Transition Speed																				✓		✓													
0xD1E5	Face Priority in Multi Metering	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD1E6	Subject Recognition Person Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1E7	Subject Recognition Animal+Bird Priority	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1E8	Subject Recognition Animal+Bird Detection Parts	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1E9	Subject Recognition Animal (Still) Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1EA	Subject Recognition Animal (Still) Tracking Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1EB	Subject Recognition Animal (Still) Detection Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1EC	Subject Recognition Animal (Still) Detection Parts	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1ED	Subject Recognition Bird Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1EE	Subject Recognition Bird Tracking Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1EF	Subject Recognition Bird Detection Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F0	Subject Recognition Bird Detection Parts	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F1	Subject Recognition Insect Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F2	Subject Recognition Insect Tracking Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F3	Subject Recognition Insect Detection Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F4	Subject Recognition Car/Train Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F5	Subject Recognition Car/Train Tracking Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F6	Subject Recognition Car/Train Detection Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F7	Subject Recognition Plane Tracking Subject Shift Range	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F8	Subject Recognition Plane Tracking Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1F9	Subject Recognition Plane Detection Sensitivity	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓						✓									
0xD1FA	Subject Recognition Priority on registered face	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓	✓		✓				✓									
0xD1FB	Monitor Brightness Type	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓									
0xD1FC	Monitor Brightness Manual	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓									

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD1FD	TC/UB Display Setting	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD1FE	Gamma Display Assist	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓										
0xD1FF	Gamma Display Assist Type	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓										
0xD200	Flash Compensation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓									
0xD201	Dynamic Range Optimizer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD203	Image Size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD204	Total Battery Remaining	✓		✓		✓				✓										✓																	
0xD205	Total Battery Level Indicator	✓		✓		✓				✓										✓																	
0xD207	OSD Image Mode	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓						✓							✓	✓	✓
0xD208	Camera Button Function capability	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓				✓			✓	✓	✓
0xD209	Camera Button Function Multi capability	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓				✓			✓	✓	✓
0xD20A	Camera Dial Function capability	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD20B	Camera Lever Function capability																	✓	✓	✓	✓		✓													
0xD20C	Camera Button Function Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓				✓			✓	✓	✓
0xD20D	Shutter Speed	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD20E	Battery Level Indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD20F	Color Temperature	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD210	Biaxial Fine-Tuning G-M Direction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD211	Aspect Ratio	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD213	Focus Indication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓				
0xD214	Predicted Maximum File Size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
0xD215	Shooting File Info	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD216	Auto FTP Transfer Target (Still)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓						✓																	
0xD217	AELock Indication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD218	Battery Remaining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓			✓	✓			✓	✓	✓
0xD21B	Picture Effect				✓			✓	✓						✓							✓			✓			✓	✓								
0xD21C	Biaxial Fine-Tuning A-B Direction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD21D	Movie Recording State	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD21E	ISO Sensitivity	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
0xD21F	FELock Indication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓				✓										
0xD220	Audio Signals (Start/End)	✓		✓		✓				✓			✓	✓						✓			✓				✓										
0xD221	Live View Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓				
0xD222	Still Image Save Destination	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD223	Date/Time Setting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD225	Protect Image in FTP Transfer	✓	✓	✓		✓	✓			✓	✓	✓								✓																	
0xD229	Auto Recognition Target Candidates	✓		✓		✓				✓										✓							✓										
0xD22C	Focus Area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD231	Live View Display Effect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓								
0xD234	Auto Recognition Target Setting	✓		✓		✓				✓										✓							✓										
0xD235	Near/Far Enable Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD237	Exposure Step	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓	✓												✓	✓	✓	✓
0xD239	Pixel Shift Shooting Mode	✓	✓			✓	✓	✓	✓					✓																						
0xD23A	Pixel Shift Shooting Number	✓	✓			✓	✓	✓	✓					✓																						

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD23B	Pixel Shift Shooting Interval	✓	✓			✓	✓	✓	✓					✓																						
0xD23C	Pixel Shift Shooting Status	✓	✓			✓	✓	✓	✓					✓																						
0xD23D	Progress Number of Pixel Shift Shooting	✓	✓			✓	✓	✓	✓					✓																						
0xD23F	Picture Profile	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓								
0xD240	Creative Style				✓			✓	✓						✓							✓						✓	✓								
0xD241	File Format (Movie)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD242	Recording Setting (Movie)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD248	Media SLOT1 Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD249	Media SLOT1 Remaining number shots	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD24A	Media SLOT1 Remaining shooting time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD24C	Focal position	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓			✓			✓								
0xD24E	AWBLock Indication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓								
0xD24F	Interval REC (Still) Mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD250	Interval REC (Still) Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD251	Device Overheating State	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD252	Still Image Quality	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD253	File Format (Still)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓							
0xD254	Focus Magnifier Setting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
0xD255	AF Tracking Sensitivity (Still)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓														
0xD256	Media SLOT2 Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD257	Media SLOT2 Remaining number shots	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓																
0xD258	Media SLOT2 Remaining shooting time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓										✓	✓	✓	✓	✓	✓	✓
0xD25A	Position Key Setting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓				✓	✓	✓							
0xD25B	Zoom Operation Enable Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD25C	Zoom Scale	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓							
0xD25D	Zoom Bar Information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xD25E	Zoom Speed Range	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓			✓	✓	✓
0xD25F	Zoom Setting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓		✓	✓
0xD260	Zoom Type Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0xD262	Wireless Flash Setting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓				✓									
0xD263	Red Eye Reduction	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓		✓				✓	✓								
0xD264	Remote Control Restriction Status	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓			✓	✓			
0xD267	Live View Area (x, y)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓							
0xD268	Still Image Trans Size	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD269	RAW+J PC Save Image	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓									
0xD26A	Live View Image Quality	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓								
0xD26B	Custom WB Capturable Area (x, y)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓									
0xD26C	Custom WB Capture Frame Size (x, y)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓									
0xD26D	Custom WB Capture Standby Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓									
0xD26E	Custom WB Capture Standby Cancel Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓									
0xD26F	Custom WB Capture Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓									
0xD270	Custom WB Execution State	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD271	Camera-Setting Save Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD272	Camera-Setting Read Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD273	Camera-Setting Save/Read State	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓										
0xD274	FTP-Setting Save Operation	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																	
0xD275	FTP-Setting Read Operation	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																	
0xD276	FTP-Setting Save/Read State	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓																	
0xD278	LiveViewURL																															✓	✓				
0xD279	Media SLOT1 Format Enable Status	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓					✓	✓	✓
0xD27A	Media SLOT2 Format Enable Status	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓						✓	✓	✓														✓	✓	✓
0xD27B	Media Format Progress Rate	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓		✓					✓	✓	✓
0xD27C	Select FTP Server	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																
0xD27F	FTP Connection Status	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																
0xD280	FTP Connection Error Info	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																
0xD281	High Resolution SS Setting	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓		✓	✓	✓		✓														
0xD282	High Resolution Shutter Speed	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓		✓	✓		✓	✓	✓		✓														
0xD283	Function of Touch Operation	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD284	Remote Touch Operation Enable Status	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
0xD285	Cancel Remote Touch Operation Enable Status	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓			✓	✓	✓	✓	✓	✓	✓
0xD286	Recording Frame Rate Setting (Movie)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓
0xD287	Compression File Format (Still)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD288	RAW File Type	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓		✓	✓		✓				✓									
0xD289	Media Slot1 RAW File Type	✓	✓	✓		✓	✓			✓	✓	✓						✓		✓																
0xD28A	Media Slot2 RAW File Type	✓	✓	✓		✓	✓			✓	✓	✓						✓		✓																
0xD28B	Media Slot1 File Format (Still)	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD28C	Media Slot2 File Format (Still)	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD28D	Media SLOT1 Image Quality	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD28E	Media SLOT2 Image Quality	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD28F	Media SLOT1 Image Size	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD290	Media SLOT2 Image Size	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓																
0xD292	Media SLOT1 Quick Format Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓							✓	✓	✓
0xD293	Media SLOT2 Quick Format Enable Status	✓	✓	✓		✓	✓			✓	✓	✓						✓	✓	✓														✓	✓	✓
0xD294	Cancel Media Format Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓							✓	✓	✓
0xD295	Contents Transfer Enable Status	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓			✓							
0xD297	Save Zoom and Focus Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD298	Load Zoom and Focus Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD299	Remote Control Zoom Speed Type	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD29A	APS-C or Full Switching Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓					✓										
0xD29B	APS-C or Full Switching Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓			✓	✓									
0xD29C	Movie Rec Self timer	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓	✓		✓	✓									
0xD29D	Movie Rec Self timer Count time	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓	✓		✓	✓									
0xD29E	Paint/Look Multi Matrix Area Indication																															✓				

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD29F	Movie Rec Self timer Continuous	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓	✓		✓	✓									
0xD2A0	Movie Rec Self timer Status	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓	✓		✓	✓									
0xD2A1	Focus Bracket Shot Num	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓	✓		✓													
0xD2A2	Focus Bracket Focus Range	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓			✓	✓		✓													
0xD2A4	Bulb Timer Setting	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓							✓									
0xD2A5	Bulb Exposure Time Setting	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓							✓									
0xD2A6	Elapsed Bulb Exposure Time	✓		✓		✓	✓			✓																										
0xD2A7	Remaining Bulb Exposure Time	✓		✓		✓	✓			✓																										
0xD2A8	Remaining Noise Reduction Time	✓		✓		✓	✓			✓																										
0xD2A9	Monitor LUT Setting Output Dest Assign																													✓	✓		✓	✓	✓	✓
0xD2AA	Monitor LUT Setting 1																													✓	✓		✓		✓	✓
0xD2AB	Monitor LUT Setting 2																													✓	✓		✓		✓	✓
0xD2AC	Monitor LUT Setting 3																													✓			✓			
0xD2AD	AF Track for Speed Change	✓		✓		✓				✓										✓			✓													
0xD2AE	Monitoring Output Display Setting Dest Assign																																✓			
0xD2AF	Monitoring Output Display Setting 1																																✓			
0xD2B0	Monitoring Output Display Setting 2																																✓			
0xD2B1	UserBaseLook Output																													✓	✓		✓	✓	✓	✓
0xD2B2	Play Set of Multi. Media	✓	✓	✓		✓	✓			✓	✓	✓								✓																
0xD2B3	Video Stream Bit Rate VBR Mode																																	✓	✓	✓
0xD2B5	Recording File Number (Movie)	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓				✓	✓						✓									
0xD2BA	Flicker Scan Status	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓													
0xD2BB	Flicker Scan Enable Status	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓													
0xD2BD	Tele/Wide Lever Value capability																		✓	✓	✓		✓													
0xD2BE	Target Streaming Destination Select																																	✓	✓	✓
0xD2BF	Stream Display Name																																	✓	✓	✓
0xD2C0	Video Stream Max Bit Rate																																	✓	✓	✓
0xE000	Movie Shooting Mode	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓	✓	✓		✓	✓
0xE001	Movie Shooting Mode Color Gamut	✓		✓		✓				✓		✓	✓	✓		✓	✓	✓	✓	✓			✓				✓			✓	✓	✓	✓		✓	✓
0xE002	Movie Shooting Mode Target Display																													✓	✓	✓	✓	✓	✓	✓
0xE004	Focus TouchSpot Status	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xE005	Focus Tracking Status	✓	✓	✓		✓	✓			✓		✓	✓	✓			✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xE006	Shutter ECS Setting																													✓	✓	✓	✓	✓	✓	✓
0xE007	Shutter ECS Number																													✓	✓	✓	✓	✓	✓	✓
0xE008	Shutter ECS Frequency																													✓	✓	✓	✓	✓	✓	✓
0xE009	Depth of Field Adjustment Mode																													✓	✓	✓				
0xE00A	Depth of Field Adjustment Interlocking Mode State																													✓	✓	✓				
0xE00B	Recorder Clip Name																		✓	✓										✓	✓	✓	✓	✓	✓	✓
0xE00C	Recorder Control Main Setting																													✓	✓	✓	✓	✓	✓	✓
0xE00D	Recorder Control Proxy Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xE00E	Recorder Start Main																													✓	✓	✓	✓	✓	✓	✓
0xE00F	Recorder Start Proxy																													✓	✓	✓	✓	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xE010	Recorder Main Status																													✓	✓	✓	✓	✓	✓	✓
0xE011	Recorder Proxy Status																													✓	✓	✓	✓	✓	✓	✓
0xE012	Recorder Ext Raw Status																													✓	✓	✓				
0xE013	Recorder Save Destination																													✓	✓	✓		✓	✓	✓
0xE014	Button Assignment Assignable.1																													✓	✓	✓	✓	✓	✓	✓
0xE015	Button Assignment Assignable.2																													✓	✓	✓	✓	✓	✓	✓
0xE016	Button Assignment Assignable.3																													✓	✓	✓	✓	✓	✓	✓
0xE017	Button Assignment Assignable.4																													✓	✓	✓	✓	✓	✓	✓
0xE018	Button Assignment Assignable.5																													✓	✓	✓	✓	✓	✓	✓
0xE019	Button Assignment Assignable.6																													✓	✓	✓	✓	✓	✓	✓
0xE01A	Button Assignment Assignable.7																													✓	✓	✓	✓	✓	✓	✓
0xE01B	Button Assignment Assignable.8																													✓	✓	✓	✓	✓	✓	✓
0xE01C	Button Assignment Assignable.9																													✓	✓	✓	✓	✓	✓	✓
0xE01D	Button Assignment Assignable.10																														✓		✓	✓	✓	✓
0xE01E	Button Assignment LensAssignable.1																													✓	✓	✓	✓		✓	✓
0xE01F	SceneFile Index																													✓	✓	✓	✓	✓	✓	✓
0xE020	Current SceneFile Edited																													✓	✓	✓	✓	✓	✓	✓
0xE021	Movie Play Button																													✓	✓	✓	✓	✓	✓	✓
0xE022	Movie Play Pause Button																													✓	✓	✓	✓	✓	✓	✓
0xE023	Movie Play Stop Button																													✓	✓	✓	✓	✓	✓	✓
0xE024	Movie Forward Button																													✓	✓	✓	✓	✓	✓	✓
0xE025	Movie Rewind Button																													✓	✓	✓	✓	✓	✓	✓
0xE026	Movie Next Button																													✓	✓	✓	✓	✓	✓	✓
0xE027	Movie Prev Button																													✓	✓	✓	✓	✓	✓	✓
0xE028	Movie RecReview Button																													✓	✓	✓	✓	✓	✓	✓
0xE029	Assignable Button 1																													✓	✓	✓	✓	✓	✓	✓
0xE02A	Assignable Button 2																													✓	✓	✓	✓	✓	✓	✓
0xE02B	Assignable Button 3																													✓	✓	✓	✓	✓	✓	✓
0xE02C	Assignable Button 4																													✓	✓	✓	✓	✓	✓	✓
0xE02D	Assignable Button 5																													✓	✓	✓	✓	✓	✓	✓
0xE02E	Assignable Button 6																													✓	✓	✓	✓	✓	✓	✓
0xE02F	Assignable Button 7																													✓	✓	✓	✓	✓	✓	✓
0xE030	Assignable Button 8																													✓	✓	✓	✓	✓	✓	✓
0xE031	Assignable Button 9																													✓	✓	✓	✓	✓	✓	✓
0xE032	Assignable Button 10																														✓		✓	✓	✓	✓
0xE033	LensAssignable Button 1																													✓	✓	✓	✓		✓	✓
0xE035	Assignable Button Indicator 1																													✓	✓	✓	✓	✓	✓	✓
0xE036	Assignable Button Indicator 2																													✓	✓	✓	✓	✓	✓	✓
0xE037	Assignable Button Indicator 3																													✓	✓	✓	✓	✓	✓	✓
0xE038	Assignable Button Indicator 4																													✓	✓	✓	✓	✓	✓	✓
0xE039	Assignable Button Indicator 5																													✓	✓	✓	✓	✓	✓	✓
0xE03A	Assignable Button Indicator 6																													✓	✓	✓	✓	✓	✓	✓
0xE03B	Assignable Button Indicator 7																													✓	✓	✓	✓	✓	✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xE03C	Assignable Button Indicator 8																													✓	✓	✓	✓	✓	✓	✓
0xE03D	Assignable Button Indicator 9																													✓	✓	✓	✓	✓	✓	✓
0xE03E	Assignable Button Indicator 10																														✓		✓	✓	✓	✓
0xE03F	LensAssignable Button Indicator 1																													✓	✓	✓	✓		✓	✓
0xE040	Zoom Position Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓													✓			
0xE041	Zoom Position Current Value	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓													✓			
0xE042	Focus Position Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓			✓										✓			
0xE043	Focus Position Current Value	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓			✓										✓			
0xE044	Focus Mode status																																✓			
0xE045	Focus Operation with INT16 Enable Status																																✓			
0xE048	Audio Input CH1 Level Control																																✓			
0xE049	Audio Input CH2 Level Control																																✓			
0xE04A	Audio Input CH3 Level Control																																✓			
0xE04B	Audio Input CH4 Level Control																																✓			
0xE04C	Audio Input CH1 Level																																✓			
0xE04D	Audio Input CH2 Level																																✓			
0xE04E	Audio Input CH3 Level																																✓			
0xE04F	Audio Input CH4 Level																																✓			
0xE050	Audio Input Master Level	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓		✓				✓						✓			
0xE051	Audio Input CH1 Input Select																																✓			
0xE052	Audio Input CH2 Input Select																																✓			
0xE053	Audio Input CH3 Input Select																																✓			
0xE054	Audio Input CH4 Input Select																																✓			
0xE055	Audio Input CH1 Wind Filter																																✓			
0xE056	Audio Input CH2 Wind Filter																																✓			
0xE057	Audio Input CH3 Wind Filter																																✓			
0xE058	Audio Input CH4 Wind Filter																																✓			
0xE059	Audio Output HDMI Monitor CH	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓				✓	✓	✓	✓		✓				✓						✓			
0xE05C	Pan-Tilt Acceleration Ramp Curve																															✓	✓			
0xE05F	Remote Key Thumbnail Button																																✓	✓	✓	✓
0xE060	Remote Key SLOT Select Button																																✓	✓	✓	✓
0xE061	Movie Rec Button (Toggle) Enable Status																													✓	✓	✓	✓	✓	✓	✓
0xE067	Video Rec Format Bitrate Setting																																✓			
0xE068	Valid Rec Video Format																																✓			
0xE06C	Monitoring Output Format																																✓			
0xE079	AF Area Position(x,y) (AF-C)																																✓	✓	✓	✓
0xE080	Image Stabilization Level (Movie)																														✓					
0xE081	Control General SettingFile Enable Status																																	✓	✓	✓
0xE082	Movie Trimming Transfer Support Information																													✓	✓			✓	✓	✓
0xE083	Function of Remote Touch Operation																													✓	✓		✓	✓	✓	✓
0xE084	AF Assist	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓							✓	✓		✓		✓	✓

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xE086	Lens Information Enable Status	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓							✓	✓			✓	✓	✓
0xE088	Follow Focus Position Setting	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓							✓	✓			✓		
0xE089	Follow Focus Position Current Value	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		✓							✓	✓			✓		
0xE08D	Button Assignment Assignable.11																														✓		✓	✓	✓	✓
0xE08E	Assignable Button 11																														✓		✓	✓	✓	✓
0xE08F	Assignable Button Indicator 11																														✓		✓	✓	✓	✓
0xE092	Focus Speed Direct Sync																																✓			
0xE0A0	Movie Quality FullAuto Mode																																	✓	✓	✓
0xE0A4	De-Squeeze Display Ratio																													✓	✓					
0xE0A5	IR Remote Setting																															✓	✓			
0xE0A6	IP Setup Protocol Setting																															✓	✓			
0xE07A	Movie Rec Review Playing State																																✓			
0xE0AA	Audio Input1 Type Select																																✓			
0xE0AB	Audio Input2 Type Select																																✓			
0xE0AF	Camera Power Status																															✓	✓			
0xE0B0	Recordable Power Sources																															✓	✓			
0xE0B5	Video Rec Format Quality																																✓			
0xE0B6	Pan Position Current Value																															✓	✓			
0xE0B7	Pan Position Status																															✓	✓			
0xE0B8	Tilt Position Current Value																															✓	✓			
0xE0B9	Tilt Position Status																															✓	✓			
0xE0BA	Pan Limit Range Minimum																															✓	✓			
0xE0BB	Pan Limit Range Maximum																															✓	✓			
0xE0BC	Tilt Limit Range Minimum																															✓	✓			
0xE0BD	Tilt Limit Range Maximum																															✓	✓			
0xE0BE	Pan Limit Mode																															✓	✓			
0xE0BF	Tilt Limit Mode																															✓	✓			
0xE0C0	ControlPTZF Binary Version																															✓	✓			
0xE0CB	Preset PTZF Number of Slots																															✓	✓			
0xE0CC	SetPresetPTZF Binary Version																															✓	✓			
0xE0CD	Enlarge Screen Setting	✓		✓		✓	✓			✓	✓	✓					✓			✓			✓				✓										
0xE0CE	Live View Image Quality by Numerical Value																															✓	✓			
0xE0D2	Red Tally Lamp Control																														✓	✓	✓			
0xE0D3	Green Tally Lamp Control																														✓	✓	✓			
0xE0D4	Yellow Tally Lamp Control																																✓			
0xE0D5	Debug Mode					✓	✓			✓	✓	✓					✓																	✓	✓	✓
0xE0D6	Wind Noise Reduct for External Mic.					✓				✓																										
0xE0D7	Noise Cut Filter					✓				✓																										
0xE0D8	Noise Cut Filter for External Mic.					✓				✓																										
0xE0D9	ContentInfoList update time (SLOT1)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0xE0DA	ContentInfoList update time (SLOT2)	✓	✓	✓		✓	✓			✓	✓	✓				✓		✓	✓	✓																
0xE0DB	CompRAW Shooting HDR					✓				✓																										

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xE0DC	CompRAW Shooting HDR DR Setting					✓				✓																										
0xE0DD	CompRAW Shooting HDR RAW File Type					✓				✓																										
0xE0DE	CompRAW Shooting HDR Number of Sheets					✓				✓																										
0xE0E1	Call Setting																														✓					
0xE0E2	Manual Input for ND Filter Value																	✓	✓	✓																
0xE0E3	Log Shooting Mode (Still)																			✓																
0xE0E4	Log Shooting Mode Color Gamut (Still)																			✓																
0xE0E5	ND Filter Position Setting																														✓			✓	✓	✓
0xE0E6	SceneFile Command Version																													✓				✓	✓	✓
0xE0F0	Eframing Tracking Start Mode																																	✓	✓	✓
0xE0F1	Eframing Production Effect																																	✓	✓	✓
0xE0F3	DeleteContent Operation Enable Status (SLOT1)	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓																			
0xE0F4	DeleteContent Operation Enable Status (SLOT2)	✓	✓	✓		✓	✓			✓	✓	✓					✓																			
0xE0F5	Different Set for S&Q/Mv																	✓	✓	✓																
0xE0F6	Angle of view Priority (Movie)					✓				✓																										
0xE0F8	Eframing Auto Framing																																	✓	✓	✓
0xE0F9	SceneFile Indexes Available for Download																													✓				✓	✓	✓
0xE0FA	Shooting Enable Setting (License)	✓	✓	✓		✓	✓			✓	✓	✓				✓																				
0xE0FE	Maximum Size of Image ID String	✓	✓	✓		✓	✓			✓	✓	✓				✓																				
0xE100	Digital Extender Magnification Setting																																		✓	✓
0xE101	SceneFile Upload Operation Enable Status																													✓				✓	✓	✓
0xE102	SceneFile Download Operation Enable Status																													✓				✓	✓	✓
0xE107	Monitor DISP (Screen Display) Mode Candidates(Still)					✓				✓																										
0xE108	Monitor DISP (Screen Display) Mode Setting(Still)					✓				✓																										
0xE109	Monitor DISP (Screen Display) Mode(Still)					✓				✓																										
0xE10A	Monitor DISP (Screen Display) Mode Candidates(Movie)					✓				✓																										
0xE10B	Monitor DISP (Screen Display) Mode Setting(Movie)					✓				✓																										
0xE10C	Monitor DISP (Screen Display) Mode(Movie)					✓				✓																										
0xE10E	Grid Line Display (Playback) (License)	✓	✓	✓		✓	✓			✓	✓	✓				✓																				
0xE10F	Grid Line Type	✓	✓	✓		✓	✓			✓	✓	✓				✓																				
0xE110	CustomGridLineFile Command Version (License)	✓	✓	✓		✓	✓			✓	✓	✓				✓																				
0xE111	Home Menu Setting(Lower Left)																	✓	✓	✓																
0xE112	Stream Button Enable Status																																	✓	✓	✓
0xE11A	Peaking Display																✓																			
0xE11B	Peaking Level																✓																			
0xE11C	Peaking Color																✓																			
0xE11D	Zebra Display																✓																			
0xE11E	Zebra Level																✓																			
0xE11F	Zebra Level Type (Custom)																✓																			

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xE120	Zebra Level Standard (Custom)																✓																				
0xE121	Zebra Level Range (Custom)																✓																				
0xE122	Zebra Level Lower Limit (Custom)																✓																				
0xE123	Marker Display																✓																				
0xE124	Center Marker Display																✓																				
0xE125	Aspect Marker Ratio (Movie)																✓																				
0xE126	Safety Zone Display																✓																				
0xE127	Guideframe Display																✓																				
0xE12A	Dual Gain					✓				✓																										
0xE131	Imager Mode																														✓					
0xE133	Display Quality (Finder)					✓																														
0xE134	Display Quality (Monitor)					✓																														

Controls

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD2C1	Shutter Half-Release (S1) Button	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD2C2	Shutter Release (S2) Button	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD2C3	AEL Button	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓							
0xD2C8	Movie Rec Button (Hold)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓
0xD2C9	FEL Button	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓				✓	✓									
0xD2CD	Remote Key UP																															✓	✓	✓	✓	✓
0xD2CE	Remote Key DOWN																															✓	✓	✓	✓	✓
0xD2CF	Remote Key LEFT																															✓	✓	✓	✓	✓
0xD2D0	Remote Key RIGHT																															✓	✓	✓	✓	✓
0xD2D1	Near/Far	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD2D9	AWBL Button	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓							
0xD2DC	AF Area Position (x, y)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xD2DD	Zoom Operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓
0xD2DF	Custom WB Capture Standby	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD2E0	Custom WB Capture Standby Cancel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD2E1	Custom WB Capture	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xD2E2	Selected Media Format	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓							✓	✓	✓
0xD2E3	High Resolution SS Adjust	✓	✓	✓		✓	✓			✓							✓		✓	✓																	
0xD2E4	Remote Touch Operation (x, y)	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓			✓	✓	✓	✓	✓	✓	✓
0xD2E5	Cancel Remote Touch Operation	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	✓			✓	✓	✓	✓	✓	✓	✓
0xD2E6	S1 & S2 Button	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
0xD2E7	Cancel Media Format	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓							✓	✓	✓
0xD2E9	Save Zoom and Focus Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD2EA	Load Zoom and Focus Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓													
0xD2EB	APS-C or Full Switching	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓		✓	✓															

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xD2EC	Color Temperature Step																													✓	✓	✓	✓	✓	✓	✓
0xD2ED	White Balance Tint Step																													✓	✓	✓	✓	✓	✓	✓
0xD2EE	Reset Multi Matrix																															✓	✓			
0xD2EF	Focus Operation																													✓	✓	✓	✓	✓	✓	✓
0xD2F0	High Resolution SS Adjust In Integral Multiples	✓		✓		✓	✓			✓							✓			✓																
0xD2F1	Flicker Scan	✓		✓		✓	✓			✓			✓	✓		✓	✓			✓	✓		✓													
0xD2F2	Set PresetInfo ZoomOnly Value	✓	✓	✓		✓				✓		✓								✓			✓													
0xD2F3	REC Settings Reset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD2F6	ContShootSpotBoost Button	✓		✓		✓				✓																										
0xD2F7	Remote Key Cancel Back Button																															✓	✓	✓		✓
0xD2F8	Remote Key Display Button																															✓	✓	✓		✓
0xD2F9	Remote Key SET																															✓	✓	✓	✓	✓
0xD2FA	Remote Key RIGHT UP																															✓	✓			
0xD2FB	Remote Key RIGHT DOWN																															✓	✓			
0xD2FC	Remote Key LEFT UP																															✓	✓			
0xD2FD	Remote Key LEFT DOWN																															✓	✓			
0xD2FE	Movie Rec Button (2nd) (Toggle)																													✓		✓	✓	✓	✓	✓
0xD2FF	Remote Key Menu Button																															✓	✓	✓	✓	✓
0xD300	Pixel Mapping	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓													
0xD301	Power Off	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓			✓									
0xD302	Time Code Preset Reset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD303	User Bit Preset Reset	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD304	Sensor Cleaning	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓		✓	✓	✓	✓															
0xD305	Reset Picture Profile	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD306	Reset Creative Look	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD307	Stream Button																																	✓	✓	✓
0xD309	Camera Button Function	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓		✓				✓				✓			✓	✓	✓
0xD30A	Camera Button Function Multi	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓		✓				✓				✓			✓	✓	✓
0xD30B	Camera Dial Function	✓	✓	✓		✓	✓			✓	✓	✓				✓	✓	✓	✓	✓	✓		✓				✓									
0xD30C	Camera Lever Function																	✓	✓	✓	✓		✓													
0xD30D	Tracking On + AF On Button	✓	✓	✓		✓	✓			✓	✓		✓	✓		✓	✓			✓	✓		✓				✓									
0xD30E	Forced File Number Reset	✓		✓		✓				✓	✓	✓	✓	✓		✓	✓	✓		✓			✓				✓									
0xD312	Set PostView Enable	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0xD313	Set LiveView Enable	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓						✓									
0xD314	Create New Folder(still)	✓		✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓				✓									
0xD315	Camera Standby																															✓	✓			
0xD316	Power On																															✓	✓			
0xF000	Shutter ECS Number Step																													✓	✓	✓	✓	✓	✓	✓
0xF001	Movie Rec Button (Toggle)																													✓	✓	✓	✓	✓	✓	✓
0xF002	Cancel Focus Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓			✓													
0xF003	Zoom Operation with INT16																															✓	✓			
0xF004	Focus Operation with INT16																																✓			
0xF00C	Cancel Zoom Position	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓																

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0xF012	USB Connection Mode Request																✓																				
0xF015	Preset PTZF Recall																																✓	✓			

Events

Code	Name	ILCE-1M2	ILCE-1	ILCE-9M3	ILCE-9M2	ILCE-7RM6	ILCE-7RM5	ILCE-7RM4A	ILCE-7RM4	ILCE-7M5	ILCE-7M4	ILCE-7SM3	ILCE-7CM2	ILCE-7CR	ILCE-7C	ILCE-6700	ILX-LR1	ILME-FX3(A)	ILME-FX30	ILME-FX2	ZV-E1	ZV-E10	ZV-E10M2	ZV-1M2	ZV-1(A)	ZV-1F	DSC-RX1RM3	DSC-RX100M7(A)	DSC-RX0M2	ILME-FX6	MPC-2610	ILME-FR7	BRC-AM7	PXW-Z300	PXW-Z200	HXR-NX800
0x4004	StoreAdded	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0x4005	StoreRemoved	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0xC201	SDIE_ObjectAdded	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				✓						
0xC202	SDIE_ObjectRemoved	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				✓						
0xC203	SDIE_DevicePropChanged	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
0xC205	SDIE_DateTimeSettingResult	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓							
0xC206	SDIE_CapturedEvent	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓							
0xC208	SDIE_CWBCapturedResult	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓									
0xC209	SDIE_CameraSettingReadResult	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓									
0xC20A	SDIE_FTPSettingReadResult	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓																	
0xC20B	SDIE_MediaFormatResult	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓				✓		✓					✓	✓	✓
0xC20D	SDIE_ContentsTransferEvent	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓		✓							
0xC20E	SDIE_ZoomandFocusPositionEvent	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓													
0xC20F	SDIE_DisplayListChangedEvent	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓			✓	✓	✓	✓	✓	✓	✓
0xC210	SDIE_MediaProfileChanged																													✓	✓	✓	✓	✓	✓	✓	✓
0xC211	SDIE_ControlJobListEvent																													✓	✓			✓	✓	✓
0xC214	SDIE_ControlUploadDataResult	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓			✓	✓			✓	✓	✓
0xC217	SDIE_ZoomPositionResult	✓	✓	✓		✓				✓	✓					✓	✓	✓	✓	✓	✓												✓				
0xC218	SDIE_FocusPositionResult	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			✓													
0xC21A	SDIE_ControlGeneralSettingResult																								✓		✓				✓	✓			✓	✓	✓
0xC21B	SDIE_LensInformationChanged	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓		✓							✓	✓					
0xC21D	SDIE_FirmwareUpdateCheckResult					✓	✓			✓	✓	✓					✓																		✓	✓	✓
0xC21E	SDIE_FirmwareUpdateEvent					✓	✓			✓	✓	✓					✓																		✓		
0xC21F	SDIE_StreamStatusEvent																																				
0xC222	SDIE_OperationResults	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓					✓	✓	✓	✓	✓
0xC223	SDIE_AFStatus	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓									
0xC224	SDIE_MovieRecOperationResults	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓									
0xC226	SDIE_PresetInfoListChanged	✓	✓	✓						✓		✓									✓			✓													
0xC228	SDIE_CautionDisplayEvent	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓				✓									
0xC234	SDIE_ContentInfoListChanged	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓						✓									
0xC238	SDIE_ControlPTZFResult																																✓	✓			
0xC239	SDIE_PresetPTZFEvent																																✓	✓			
0xC240	SDIE_DeleteContentResult	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓																				

Operations

This chapter provides the detailed operation specification of Camera Control PTP.

GetDeviceInfo

Summary
Same as PIMA 15740 (operation code is `0x1001`.)

Description
same as PIMA 15740

OpenSession

Summary
Same as PIMA 15740 (operation code is `0x1002`.)

Description
same as PIMA 15740

CloseSession

Summary
Same as PIMA 15740 (operation code is `0x1003`.)

Description
same as PIMA 15740

GetStorageIDs

Summary
Same as PIMA 15740 (operation code is `0x1004`.)

Description
same as PIMA 15740

Data

StorageID

Value	Description
0x00010001	Storage Media 1
0x00020001	Storage Media 2
0x00F10001	Virtual Media 1

Note
If Virtual Media is enabled, the host should receive content as a priority in the Virtual Media.

GetStorageInfo

Summary
Same as PIMA 15740 (operation code is `0x1005`.)

Description
same as PIMA 15740

GetNumObjects

Summary
Same as PIMA 15740 (operation code is `0x1006`.)

Description
same as PIMA 15740

Note
Constraint: 0xFFFFFFFF (ALL) as StorageID is not supported. Use the values obtained from GetStorageIDs for StorageID.

GetObjectHandles

Summary
Same as PIMA 15740 (operation code is `0x1007`.)

Description
same as PIMA 15740

Note
Constraint: 0xFFFFFFFF (ALL) as StorageID is not supported. Use the values obtained from GetStorageIDs for StorageID.

GetObjectInfo

Summary
Same as PIMA 15740 (operation code is `0x1008`.)

Description
Response Code includes VendorResponseCodes, Password Length Over Max, and Password Includes Invalid Character.
The others are same as PIMA 15740

Parameters

ObjectHandle

- Use the ObjectHandle `0xFFFFC001` to obtain information about a captured image.
- Use the ObjectHandle `0xFFFFC002` to obtain information about a live-view image.
  - The Initiator should obtain the information of the ObjectHandle `0xFFFFC002` only once for live-view performance.
  - If the current value of the device property Live View Status is enabled, the ObjectCompressedSize will be the estimated worst size (not a real live-view image size).
  - If the current value of the device property Live View Status is not enabled, the Responder will stall and return the response Invalid ObjectHandle (`0x2009`).
- Use the ObjectHandle `0xFFFFC004` to obtain information about a camera-setting file.
  - This can be used only when the current value of the device property Camera-Setting Save Operation is enabled.
- Use the ObjectHandle `0xFFFFC005` to obtain information about an FTP-setting file.
  - This can be used only when the current value of the device property FTP-Setting Save Operation is enabled.

GetObject

Summary

Same as PIMA 15740 (operation code is `0x1009`.)

Description

same as PIMA 15740

Parameters

ObjectHandle

- Use the ObjectHandle `0xFFFFC001` to obtain a captured image.
- Use the ObjectHandle `0xFFFFC002` to obtain a live-view image.
  - If the current value of the device property Live View Status is enabled, the Initiator can get the following live-view dataset.
  - If the current value of the device property Live View Status is not enabled, the Responder will stall and return the response Invalid ObjectHandle (`0x2009`).
- Use the ObjectHandle `0xFFFFC003` to obtain a shot image and ObjectInfo dataset.
- Use the ObjectHandle `0xFFFFC004` to obtain a camera-setting file.
  - This can be used only when the current value of the device property Camera-Setting Save Operation is enabled.
- Use the ObjectHandle `0xFFFFC005` to obtain an FTP-setting file.
  - This can be used only when the current value of the device property FTP-Setting Save Operation is enabled.

LiveView Dataset (ObjectHandle `0xFFFFC002`)

Field	Field Order	Size (Bytes)	Datatype
Offset to Live View Image	1	4	UNIT32
Live View Image Size	2	4	UINT32
Offset to Focal Frame Info	3	4	UINT32

Field	Field Order	Size (Bytes)	Datatype
Focal Frame Info Size	4	4	UINT32
Reserved	5	Variable	UINT8
Live View Image	6	Live View Image Size	(JPEG data)
Focal Frame Info	7	Focal Frame Info Size	FocalFrameInfo

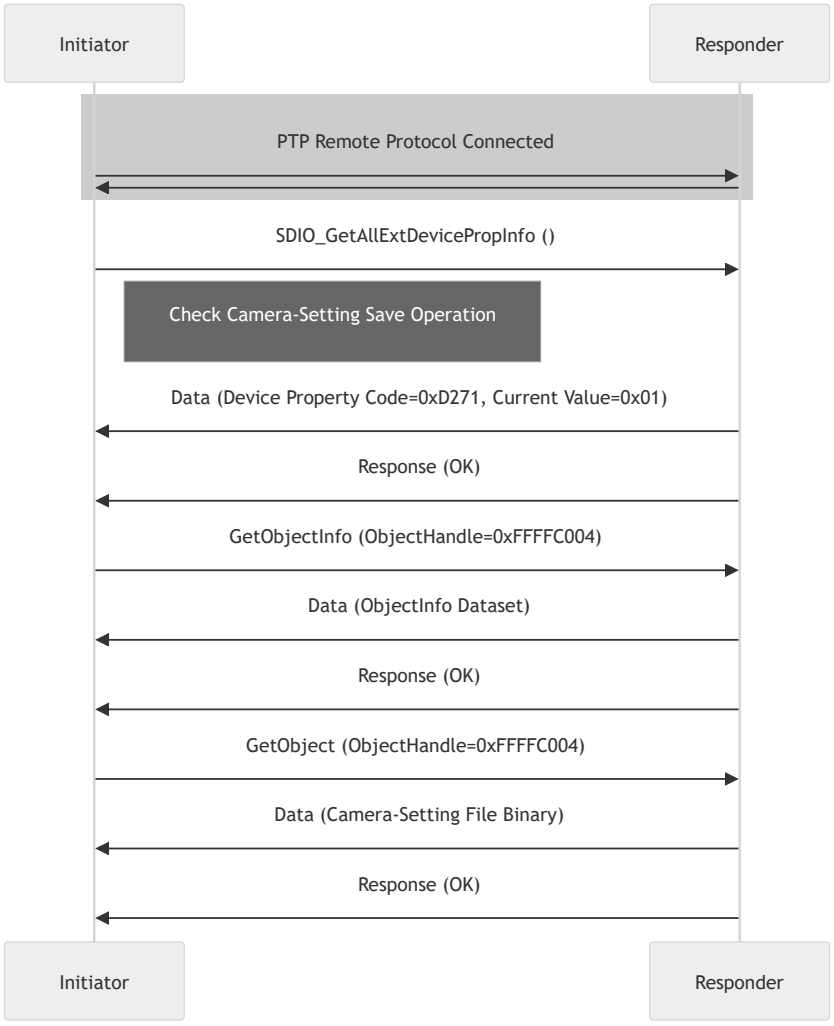
Shot Image and ObjectInfo Dataset (ObjectHandle `0xFFFFC0003`)

Field	Field Order	Size (Bytes)	Datatype
Offset to Shot Image	1	4	UINT32
Shot Image Size	2	4	UINT32
Offset to ObjectInfo	3	4	UINT32
ObjectInfo Size	4	4	UINT32
Reserved	5	Variable	N/A
Shot Image	6	Live View Image Size	JPEG Data
ObjectInfo Dataset	7	Variable	ObjectInfo Dataset

Note

The maximum number of live view fps (frames per second) is 30. Therefore, the Initiator should not use this operation over two times within 33 msec. If the Initiator gets the offset to the live-view image, the live-view image size will be zero in the data phase, and `Access_Denied` (`0x200F`) in the response phase, the host should retry this command to obtain the next live view image.

How to Get a Camera-Setting File



GetThumb

Summary

Same as PIMA 15740 (operation code is `0x100A`.)

Description

same as PIMA 15740

Responses

The camera returns Thumbnail_Not_Present when the Host sends this command because the camera does not create any thumbnails for the remote protocol.
Same as that of PIMA 15740 for other errors.
It makes no sense to send this command.

SendObject

Summary

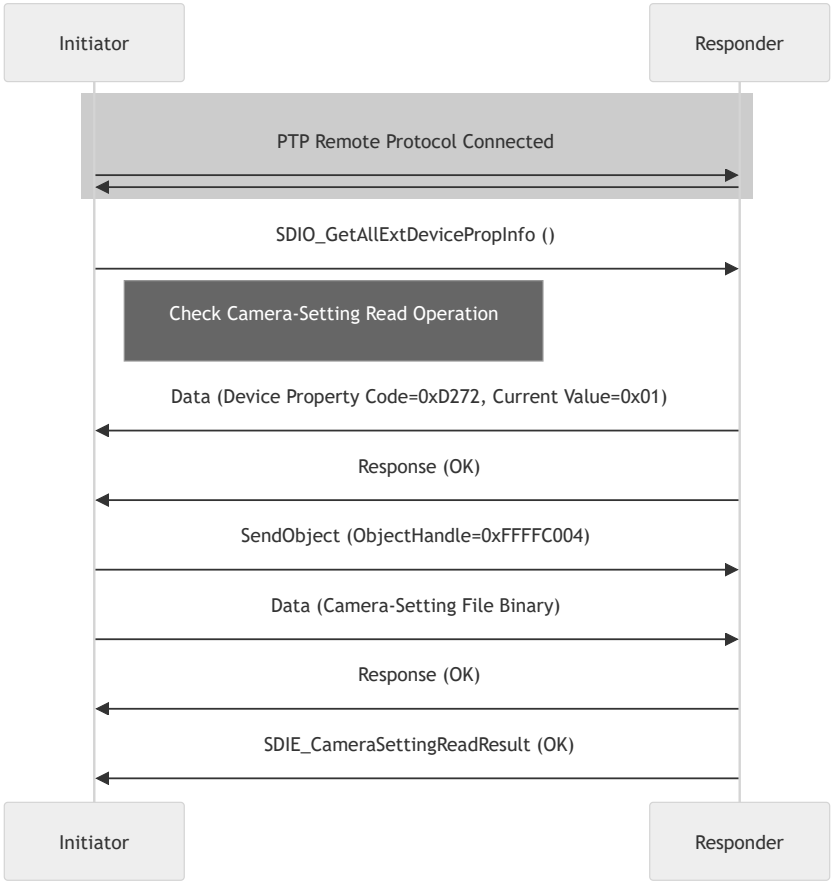
same as PIMA 15740

Description

Field	Value
Operation Code	same as PIMA 15740
Operation Parameter 1	ObjectHandle (This parameter is the Vendor Extension.)
Operation Parameter 2	None
Operation Parameter 3	None
Data	DataObject
Data Direction	I->R
Response Code	same as PIMA 15740
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None

Note

- Use the ObjectHandle `0xFFFFC004` to send a camera-setting file.
  - This can be used only when the current value of the device property [Camera-Setting Read Operation (`0xD2xx`) is Enabled (0x01).
- The host should send this command with ObjectHandle=0xFFFFC005 (fixed value) to send an FTP-Setting File.
  - 0xFFFFC005 can be used only when the current value of FTP-Setting Read Operation (`0xD2xx`) is Enabled (0x01).



GetPartialObject

Summary
Same as PIMA 15740 (operation code is `0x101B`.)

Description
same as PIMA 15740

Note
It is highly recommended to use GetObject instead of this command for transfer performance.

GetObjectPropValue

Summary
Same as Media Transfer Protocol v.1.1 Spec (operation code is 0x9803.)

Description
same as Media Transfer Protocol v.1.1 Spec

GetObjectPropList

Summary
Same as Media Transfer Protocol v.1.1 Spec (operation code is 0x9805.)

Description
same as Media Transfer Protocol v.1.1 Spec

SDIO_Connect

Summary
This is for the authentication handshake.

Description

Field	Value
Operation Code	0x9201
Operation Parameter 1	Phase Type
Operation Parameter 2	KeyCode1
Operation Parameter 3	KeyCode2
Operation Parameter 4	None
Operation Parameter 5	None

Field	Value
Data	UINT64 Value
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Note

The Initiator should send this command with both `KeyCode1` and `KeyCode2`, which are `0x00000000`.

SDIO_GetExtDeviceInfo

Summary

Get the protocol version and the supported properties of the connected device.

Description

Field	Value
Operation Code	0x9202
Operation Parameter 1	Initiator Version
Operation Parameter 2	Flag of Device Property Option
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIExtDeviceInfo Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed
Response Parameter 1	Vendor Code Version

Field	Value
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIExtDeviceInfo Dataset

Field	Field Order	Size (Bytes)	Datatype
SDIExtensionVersion	1	2	UINT16
SDIDevicePropCode Array	2	Variable	UINT16 Array
SDIControlCode Array	3	Variable	UINT16 Array

Note

The Initiator Version and SDIExtensionVersion are 0x012C (3.00) in this version. “3” indicates the major version, and “00” indicates the minor version.
The camera returns Authentication_Failed if the major version of the connected Initiator is less than the major version.
Flag of Device Property Option (0x00000001: enable extended SDIO Device Property / SDIControlCode)

The extended SDIO Device Property / SDIControlCode can be used if the camera supports SDIO_GetVendorCodeVersion and the Vendor code version is 3.10 or higher.
Please set this flag to utilize all commands supported by the camera. The extended SDIO Device Property uses 0xE000 ~ 0xEFFF, and the SDIControlCode uses 0xF000 ~ 0xFFFF.

SDIO_SetExtDevicePropValue

Summary

Set a DevicePropValue for a device property.

Description

Field	Value
Operation Code	0x9205
Operation Parameter 1	DevicePropCode
Operation Parameter 2	Flag of Device Property Option
Operation Parameter 3	None

Field	Value
Operation Parameter 4	None
Operation Parameter 5	None
Data	DevicePropValue
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Note

Refer to the Device Properties for details.

Flag of Device Property Option:

- 0x00000001: Enables extended SDIO Device Property / SDIControlCode

SDIO_ControlDevice

Summary

Set the SDIControl value for the SDIControlCode.

Description

Field	Value
Operation Code	0x9207
Operation Parameter 1	SDIControlCode
Operation Parameter 2	Flag of Device Property Option
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None

Field	Value
Data	SDIControl Value
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Note

The camera returns OK, except when the PTP/MTP Protocol fails. For example, when the Initiator sends S2 ON but the camera fails to release a shutter, the response of this command will be OK.

Refer to the Controls for details.

Flag of Device Property Option:

- 0x00000001: Enables extended SDIO Device Property / SDIControlCode

SDIO_GetAllExtDevicePropInfo

Summary

Obtain all support DevicePropDescs at one time.
The host will send this operation at regular intervals to obtain the latest (current) camera settings.

Description

Field	Value
Operation Code	0x9209
Operation Parameter 1	Flag of get only difference data
Operation Parameter 2	Flag of Device Property Option
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIDevicePropInfo Dataset Array

Field	Value
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIExtDevicePropInfo Dataset

Field	Field Order	Size (Bytes)	Datatype
Device Property Code	1	2	UINT16
DataType	2	2	UINT16
GetSet	3	1	UINT8
IsEnabled	4	1	UINT8
Factory Default Value	5	Variable	Any
Current Value	6	Variable	Any
Form Flag	7	1	UINT8

The GetSet field is defined as the following:

- 0x00: The Initiator cannot set the value
- 0x01: The Initiator can set the value

The IsEnabled field is defined as the following (for the Initiator UI):

- 0x00: False (means invalid, greyed-out, no indication for the button, combo box, some values like shutter speed, F-number)
- 0x01: True (means valid, indication for the button, combo box, some values like shutter speed, F-number)
- 0x02: DispOnly (means only indication; cannot change the value)

If IsEnabled is “False”, the Factory Default Value and Current Value are not guaranteed.

If Form Flag is `0x02` (Enumeration), the Dataset will be the following example:

Field	Field Order	Size (Bytes)	Datatype
Device Property Code	1	2	UINT16
DataType	2	2	UINT16
GetSet	3	1	UINT8

Field	Field Order	Size (Bytes)	Datatype
IsEnabled	4	1	UINT8
Factory Default Value	5	Variable	Any
Current Value	6	Variable	Any
Form Flag	7	1	UINT8
Num of Enum lists (Set)	8	2	UINT16
Enum value (Set)[0]	9	Depends on DataType	-
…	…	Depends on DataType	-
Enum value (Set) [Num of Enum lists (Set) - 1]	N	Depends on DataType	-
Num of Enum lists(Get/Set)	N+1	2	UINT16
Enum value (Get/Set)[0]	N+2	Depends on DataType	-
…	…	Depends on DataType	-
Enum value (Get/Set) [Num of Enum lists (Get/Set) - 1]	O	Depends on DataType	-

SDIDevicePropInfo Dataset Array

Field	Field Order	Size (Bytes)	Datatype
Num of Elements	1	8	UINT64
SDIDevicePropInfo Dataset[0]	2	variable	UINT16
…	…	variable	UINT8
SDIDevicePropInfo Dataset [Num of Elements - 1]	N	variable	UINT8

Note

Flag of get only difference data:
0x00000000: Gets all data
0x00000001: Gets only difference data
Flag of Device Property Option:
0x00000001: Enables extended SDIO Device Property / SDIControlCode

The extended SDIO Device Property / SDIControlCode can be used if the camera supports SDIO_GetVendorCodeVersion and the Vendor code version is 3.10 or higher.
Please set this flag to utilize all commands supported by the camera. The extended SDIO Device Property uses 0xE000 ~ 0xEFFF, and the SDIControlCode uses 0xF000 ~ 0xFFFF.

SDIO_SetFTPSettingFilePassword

Summary

Set the password for getting/setting a FTP-Setting File.

Description

Field	Value
Operation Code	0x920F

Field	Value
Operation Parameter 1	DataBinaryType
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	Password
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

DataBinaryType

The host should send this command with one of the following values.

Value	Description
0x00000001	set password as UTF-8 string

Data

Password

Field	Field Order	Size (Bytes)	Datatype
Password binary	1	variable	UINT8 Array

Note

The password must be a UTF-8 string satisfying the following conditions.

- At most 33 words (including ed null terminator)
- each word is within [A-Z], [a-z], [0-9]

If the user has not set the password, please set an empty string (0x00).

SDIO_OpenSession

Summary

Open Session with Function Mode.

Description

Field	Value
Operation Code	0x9210
Operation Parameter 1	SessionID
Operation Parameter 2	Function Mode
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	None
Data Direction	N/A
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Function Mode

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	Remote Control Mode
0x00000001	Content Transfer Mode
0x00000002	Remote Control with Transfer Mode

SDIO_GetPartialLargeObject

Summary

Get partial object from the device.

Description

Field	Value
Operation Code	0x9211
Operation Parameter 1	ObjectHandle
Operation Parameter 2	Offset in bytes (lower 32bits)
Operation Parameter 3	Offset in bytes (upper 32bits)
Operation Parameter 4	Maximum number of bytes to obtain
Operation Parameter 5	None
Data	Object Binary Data
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	Actual number of bytes sent
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Note

Same as GetPartialObject on PIMA 15740.
But, “Maximum number of bytes to obtain” does not support 0xFFFFFFFF.

SDIO_SetContentsTransferMode

Summary

Turn on/off content transfer mode.

Description

Field	Value
Operation Code	0x9212
Operation Parameter 1	Contents Select Type
Operation Parameter 2	Transfer Mode
Operation Parameter 3	Additional Information
Operation Parameter 4	None
Operation Parameter 5	None
Data	None
Data Direction	N/A
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Contents Select Type

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	Invalid
0x00000001	Select on the Camera
0x00000002	Select on the Remote Device

Transfer Mode

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	Off

Value	Description
0x00000001	On

Additional Information
The Initiator should send this command with one of the following values:

Value	Description
0x00000000	None
0x00000001	Executed Cancel

Note
This does not support multiple storages.

SDIO_GetDisplayStringList

Summary
Get Display String List.

Description

Field	Value
Operation Code	0x9215
Operation Parameter 1	Display String List Type
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIDisplayStringList Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed
Response Parameter 1	Display String List Version
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None

Field	Value
Response Parameter 5	None

Parameters

Display String List Type

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	All DisplayList
0x00000001	BaseLook.AELevelOffset.ExposureValueList
0x00000002	BaseLook.Input.DisplayList
0x00000003	BaseLook.Name.DisplayList
0x00000004	BaseLook.Output.DisplayList
0x00000005	SceneFile.Name.DisplayList
0x00000006	ShootingMode.Cinema.ColorGamut.DisplayList
0x00000007	ShootingMode.TargetDisplay.DisplayList
0x00000008	Camera.Gain.BaseISO.DisplayList
0x00000009	Video.EIGain.DisplayList
0x0000000A	Button.Assign.DisplayList
0x0000000B	Button.Assign.ShortDisplayList
0x0000000C	FTP.ServerName.DisplayList
0x0000000D	FTP.UpLoadDirectory.DisplayList
0x0000000E	FTP.JobStatus.DisplayList
0x0000000F	Exposure.Index.Preset1.DisplayList
0x00000010	Movie.Transfer.Extension.Value.Information.DisplayList
0x00000011	Movie.Transfer.VideoCodecValue.Information.DisplayList
0x00000012	Movie.Transfer.FrameRate.Information.DisplayList
0x00000013	Creative Look Image Style DisplayList
0x00000014	IPTC MetaData DisplayList
0x00000015	Subject Recognition AF DisplayList
0x00000016	BaseLook.MetaRecordSupport.DisplayList
0x00000017	Target.Streaming.Destination.Select.DisplayList
0x00000018	Camera.Button.Function.capability.DisplayList
0x00000019	Camera.Lever.Function.capability.DisplayList
0x0000001A	Camera.Dial.Function.capability.DisplayList
0x0000001B	CustomGridLineFile.Name.DisplayList

Data
SDIDisplayStringList is String List Dataset.

SDIDisplayStringList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to DisplayStringList	1	4	UNIT32
DisplayStringList Size	2	4	UNIT32
Reserved	3	Variable	UINT8 Array
DisplayStringList Binary	4	Variable	UINT8 Array

Note
The Display String List updates will be notified by SDIE_DisplayStringListChangedEvent.
It provides only a list of supported features.

SDIO_GetVendorCodeVersion

Summary
Get vendor code version.

Description

Field	Value
Operation Code	0x9216
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	None
Data Direction	N/A
Response Code	OK, Operation_Not_Supported, Invalid_TransactionID, Device_Busy
Response Parameter 1	Vendor code version
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Vendor code version

Value	Description
variable	version (100x value)

e.g.) 0x0000012C (3.00)

SDIO_GetFTPJobList

Summary

Get the FTP Job List.

Description

Field	Value
Operation Code	0x9217
Operation Parameter 1	Option Flag
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIOGetFTPJobList Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Option Flag

The host should send this command with one of the following values.

Value	Description
0x00000000	get all list

Data

SDIOGetFTPJobList is String List Dataset

SDIOGetFTPJobList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to FTPJobList	1	4	UNIT32
FTPJobList Size	2	4	UNIT32
Reserved	3	Variable	UINT8
FTPJobList Binary	4	FTPJobList Size	UINT8

Note

If the ID obtained with “Sync ID for FTP Job List” does not match the FTPJobList held on Remote, retrieve the JobList with this command. If “Necessity of ALL FTP Job List” is enabled, retrieve the entire list as differences cannot be guaranteed.

SDIO_ControlFTPJobList

Summary

Control the FTP Job List.

Description

Field	Value
Operation Code	0x9218
Operation Parameter 1	ControlType
Operation Parameter 2	TargetType
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIOControlFTPJobList Dataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

ControlType

The host should send this command with one of the following values.

Value	Description
0x00000001	Add
0x00000002	Delete
0x00000003	Suspend
0x00000004	Resume

TargetType

If the control type is delete, the host sends a command with one of the following values.

Value	Description
0x00000001	Individual
0x00000002	All
0x00000003	Finished All

Data

SDIOControlFTPJobList is String List Dataset

SDIOControlFTPJobList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to FTPJobList	1	4	UNIT32
FTPJobList Size	2	4	UNIT32
Reserved	3	Variable	UINT8
FTPJobList Binary	4	FTPJobList Size	UINT8

SDIO_UploadData

Summary

Upload data to Camera temporary storage.

Description

Field	Value
Operation Code	0x921A
Operation Parameter 1	Type of data
Operation Parameter 2	None

Field	Value
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	UploadDataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Temporary_Storage_Full, Feature_version_Invalid_Value, Invalid_Parameter
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Type of data

The host should send this command with one of the following values.

Value	Description
0x00020001	CubeFile
0x00070001	SceneFile

Data

Upload Dataset

SDIUploadDataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
Offset to HeaderInfo	2	4	UNIT32
HeaderInfo Size	3	4	UINT8
Offset to FileBinary	4	4	UINT8
FileBinary Size	5	4	UINT8

Field	Field Order	Size (Bytes)	Datatype
Reserverd	6	variable	UINT8
HeaderInfo Dataset	7	variable	UINT8
File Binary	8	variable	UINT8

HeaderInfo Dataset

Field	Field Order	Size (Bytes)	Datatype
FileName	1	variable	UINT8 Array

Note

Set the value of “Upload Dataset Version (0xD057)” to “Version” of SDIUploadDataset field. For the maximum size that can be specified in “Number of bytes,” see Maximum number of bytes.

Type of Data (Cubefile) This can be set only when the device property BaseLookImport Command Version is Display Only (`0x02`). Refer to Import (Upload) the Cube File (LUT data) in Tips for how to use it.

Type of Data (SceneFile) This can be set only when the device property SceneFile Command Version is Enabled.

SDIO_ControlUploadData

Summary

Control the Upload Data.

Description

Field	Value
Operation Code	0x921B
Operation Parameter 1	ControlType
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	ControlUploadDataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Temporary_Storage_Full, Feature_version_Invalid_Value
Response Parameter 1	None

Field	Value
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

ControlType

The host should send this command with one of the following values.

Value	Description
0x00020000	BaseLookImport
0x00040000	FirmwareUpdate
0x00070000	SceneFileImport
0x00090000	CustomGridLineFileImport

Data

Dataset when ControlType is BaseLookImport. ControlUploadDataset

BaseLookImport Dataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
BaseLook Index	2	2	UINT16

BaseLook Index

Value	Description
0x0001	User1
0x0002	User2
…	…
0x0010	User16

Dataset when ControlType is FirmwareUpdate. ControlUploadDataset

FirmwareUpdate Dataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32

Dataset when ControlType is SceneFileImport. ControlUploadDataset

SceneFileImport Dataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
SceneFile Index	2	4	UNIT32

SceneFile Index

Value	Description
0x00000001	Scene 1
0x00000002	Scene 2
…	…
0x00000010	Scene 16

Dataset when ControlType is CustomGridLineFileImport. ControlUploadDataset

CustomGridLineFileImport Dataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
CustomGridLineFile Index	2	1	UINT8
Reserved[3]	3	3	UINT8
CustomGridLineFileNameSize	4	4	UNIT32
CustomGridLineFileName	5	variable	UINT8 Array

CustomGridLineFile Index

Value	Description
0x11	Custom 1
0x12	Custom 2
…	…
0x14	Custom 4

Note

If ControlType is BaseLookImport.

- Set the index value of the import destination (User1 to User16).
- ControlType (BaseLookImport) can be set only when the device property BaseLookImport Command Version is Display Only (`0x02`).
- Set the value of BaseLookImport Command Version to `Version` of BaseLookImport Dataset field.

If ControlType is FirmwareUpdate.

- ControlType (FirmwareUpdate) can be set only when the device property Firmware Update Command Version is Enable (`0x01`) and the value ≧ 0x00000065(`0d101`).
- Set the value of Firmware Update Command Version to `Version` of FirmwareUpdate Dataset field. Refer to Perform a Firmware Update in Tips for how to use it.

If ControlType is SceneFileImport.

- Set the index value of the import destination (Scene1 to Scene16).
- ControlType (SceneFileImport) can be set only when the device property SceneFile Upload Operation Enable Status is Enabled.
- Set the value of SceneFile Command Version to `Version` of FirmwareUpdate Dataset field.

If ControlType is CustomGridLineFileImport.

- The character code of FileName is UTF-8.
- Set the index value of the import destination.
- ControlType (CustomGridLineFileImport) can be set only when the device property CustomGridLineFile Command Version is Enabled.
- Set the value of CustomGridLineFile Command Version to `Version` of CustomGridLineFileImport Dataset field.
- If CustomGridLineFileName, including the terminating null character, exceeds 256 bytes, the response will be an Invalid Parameter.

SDIO_DownloadData

Summary

Download the data from the camera.

Description

Field	Value
Operation Code	0x921D
Operation Parameter 1	Type of data
Operation Parameter 2	OptionParm1
Operation Parameter 3	OptionParm2
Operation Parameter 4	OptionParm3
Operation Parameter 5	OptionParm4
Data	DownloadDataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Temporary_Storage_Full
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None

Field	Value
Response Parameter 5	None

Parameters

Type of data

Same value as Type of Data in SDIO_UploadData.

OptionParm1 when Type of data is SceneFile

If type of data is SceneFile, the host should send this command with one of the following values.

Value	Description
0x00000001	Scene 1
0x00000002	Scene 2
…	…
0x00000010	Scene 16

Set the download source index value (Scene1 to Scene16). See SceneFile Indexes Available for Download for a list of index values.

Data

DownloadDataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
Offset to File Binary	2	4	UNIT32
File Binary Size	3	4	UNIT32
Reserved	4	variable	UINT8
File Binary	5	File Binary Size	UINT8

Note

Type of Data (SceneFile) can be set only when the device property SceneFile Download Operation Enable Status is Enabled.

SDIO_GetFTPSettingList

Summary

Get FTP Setting List.

Description

Field	Value
Operation Code	0x921F

Field	Value
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIFTPSettingList Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIFTPSettingList is String List Dataset

SDIFTPSettingList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to FTPSettingList	1	4	UNIT32
FTPSettingList Size	2	4	UNIT32
Reserved	3	variable	UINT8
FTPSettingList Binary	4	FTPSettingList Size	UINT8

Note

`SDIO_GetFTPSettingList` can be obtained only when the device property FTPSettingList Operation Enable Status is Enabled (`0x01`).

SDIO_SetFTPSettingList

Summary

Set FTP Setting List.

Description

Field	Value
Operation Code	0x9220
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIFTPSettingList Dataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIFTPSettingList is String List Dataset

SDIFTPSettingList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to FTPSettingList	1	4	UNIT32
FTPSettingList Size	2	4	UNIT32
Reserved	3	variable	UINT8
FTPSettingList Binary	4	FTPSettingList Size	UINT8

Note

`SDIO_SetFTPSettingList` can be obtained only when the device property FTPSettingList Operation Enable Status is Enabled (`0x01`).

SDIO_ControlGeneralSettingFile

Summary

Control General Setting File.

Description

Field	Value
Operation Code	0x9221
Operation Parameter 1	ControlType
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIGeneralSettingFile Dataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Store_Full
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

ControlType

The host should send this command with one of the following values.

Value	Description
0x00000001	Check General Settings
0x00000002	Subset of General Settings

Data

SDIGeneralSettingFile Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to SDIGeneralSettingFile	1	4	UNIT32
SDIGeneralSettingFile Size	2	4	UNIT32
Reserved	3	variable	UINT8
SDIGeneralSettingFileBinary	4	SDIGeneralSettingFile Size	UINT8

Note

`SDIO_ControlGeneralSettingFile` can be obtained only when the device property Control General SettingFile Enable Status is Enabled (`0x01`).

Please refer to the Tips section, CameraSetting File, for the specifications of the SDIGeneralSettingFile.

SDIO_GetControlGeneralSettingResultFile

Summary

Get Control General Setting Result File.

Description

Field	Value
Operation Code	0x9222
Operation Parameter 1	ControlType
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIGeneralSettingResult Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None

Field	Value
Response Parameter 4	None
Response Parameter 5	None

Parameters

ControlType

The host should send this command with one of the following values.

Value	Description
0x00000001	Get Check General Settings Result File
0x00000002	Get Subset of General Settings Result File

Data

SDIGeneralSettingResult Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to GeneralSettingResultFile	1	4	UINT32
GeneralSettingResultFile Size	2	4	UINT32
Reserved	3	variable	UINT8
GeneralSettingResultFileBinary	4	GeneralSettingResultFile Size	UINT8

Note

`SDIO_GetControlGeneralSettingResultFile` can be obtained only when the device property Control General SettingFile Enable Status is Enabled (`0x01`).

Please refer to the Tips section, CameraSetting File, for the specifications of the GeneralSettingResultFile.

SDIO_GetLensInformation

Summary

Get Lens Information.

Description

Field	Value
Operation Code	0x9223
Operation Parameter 1	Type of data
Operation Parameter 2	None
Operation Parameter 3	None

Field	Value
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDILensInformation Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Type of data

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	Invalid
0x00000001	Follow FocusPositionConversionTable (feet)
0x00000002	Follow FocusPositionConversionTable (meter)

Data

LensInformation Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to LensInformation	1	4	UNIT32
LensInformation Size	2	4	UINT32
Reserved	3	Variable	UINT8
LensInformation Binary	4	FTPSettingList Size	UINT8

Note

`SDIO_GetLensInformation` can be obtained only when the device property Lens Information Enable Status is Enabled (`0x01`).

SDIO_RequestFirmwareUpdateCheck

Summary

Request Firmware Update Check.

Description

Field	Value
Operation Code	0x9227
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIRequestFirmwareUpdateCheck DataSet
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Feature_version_Invalid_Value
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIRequestFirmwareUpdateCheck Dataset (v1.00)

SDIRequestFirmwareUpdateCheck Dataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UINT32
FW file size	2	8	UINT64

Note

Check the result is returned as SDIE_FirmwareUpdateCheckResult.
See Firmware Update Command Version for version information. Refer to Perform a Firmware Update in

Tips for how to use it.

SDIO_SetFirmwareUpdateMode

Summary

Set Firmware Update Mode.

Description

Field	Value
Operation Code	0x9228
Operation Parameter 1	Mode
Operation Parameter 2	Additional Information
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	None
Data Direction	N/A
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Mode

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	OFF
0x00000001	ON

Additional Information

The Initiator should send this command with one of the following values:

Mode = ON

Value	Description
Any	

The value is represented by a combination of the following parameters.

Field	Field Order	Size(bit)
Keep PTP Connection	bit[0]	1
reserve	bit[1-31]	31

Keep PTP Connection can be set only when the value of the Device Property Firmware Update Command Version ≧ 0x00000065(`0d101`).

Mode = OFF

Value	Description
0x00000000	None
0x00000001	Executed cancel

Note

Additional Information (Mode = ON) can be set only when the value of the Device Property Firmware Update Command Version ≧ 0x00000065(`0d101`). Refer to Perform a Firmware Update in Tips for how to use it.

SDIO_UploadPartialData

Summary

Upload data to Camera temporary storage.

Description

Field	Value
Operation Code	0x9229
Operation Parameter 1	Type of data
Operation Parameter 2	Offset in bytes (lower 32bits)
Operation Parameter 3	Offset in bytes (upper 32bits)
Operation Parameter 4	Number of bytes

Field	Value
Operation Parameter 5	Flag of End Point
Data	SDIUploadPartialDataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Feature_version_Invalid_Value, Camera Status Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Type of data

The Initiator should send this command with one of the following values:

Value	Description
0x00000000	Invalid
0x00050001	FirmwareData
0x00090001	CustomGridLineFile

Data

SDIUploadPartialDataset (v1.00)

SDIUploadPartialDataset

Field	Field Order	Size (Bytes)	Datatype
Version	1	4	UNIT32
Offset to FileBinary	2	4	UINT32
FileBinary Size	3	4	UINT32
Reserverd	4	variable	UINT8 Array
File Binary	5	variable	UINT8 Array

Note

For the maximum size that can be specified in “Number of bytes,” see Maximum number of bytes.

Type of Data (FirmwareData)
This can be set only when the device property Firmware Update Command Version is Enabled. See Firmware

Update Command Version for version information. Refer to Perform a Firmware Update in Tips for how to use it.

Type of Data (CustomGridLineFile)
This can be set only when the device property CustomGridLineFile Command Version is Enabled.
CustomGridLineFile Command Version determines the maximum value for the “Number of bytes.” See CustomGridLineFile Command Version for version information

SDIO_ExecuteEFraming

Summary

Execute the Eframing.

Description

Field	Value
Operation Code	0x922A
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	EFraming Command Binary
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

The host should send this command with one of the EframingCommand Binary datas.

Note

`SDIO_ExecuteEFraming` can be executed only when the device property Eframing Command Version is Enabled (0x01).

SDIO_OperationResultsSupported

Summary

Get the Operation Results Supported.

Description

Field	Value
Operation Code	0x922F
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIO_OperationResultsSupportedList Data
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

OperationResultsSupportedList Dataset

Field	Field Order	Size (Bytes)	Datatype
Operation Results Supported List	1	variable	UINT32 Array

Note

The list of ResultCode to be notified by SDIE_OperationResults is stored in the Operation Results Supported List.

SDIO_GetPresetInfoList

Summary

Get PresetInfoList.

Description

Field	Value
Operation Code	0x9231
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	PresetInfoList
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

PresetInfoList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to PresetInfoList Binary	1	4	UINT32
PresetInfoList Binary Size	2	4	UINT32
Reserved	3	variable	UINT8

Field	Field Order	Size (Bytes)	Datatype
PresetInfoList Binary	4	PresetInfoList Binary Size	UINT8

For further information on PresetInfoList Binary Data, refer to PresetInfoListBinary.

Note

PresetInfoList updates will be notified by SDIE_PresetInfoListChanged.

SDIO_GetDisplayFTPResult

Summary

Get Display FTP Result.

Description

Field	Value
Operation Code	0x9233
Operation Parameter 1	SlotID
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	FTP Result Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Invalid_Parameter, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

SlotID

Value	Description
0x00000001	Slot 1
0x00000002	Slot 2

Data

SDIFTP Result Dataset

Field	Field Order	Size (Bytes)	Datatype
FTPResultDataset Binary	1	FTPResultDataset Size	UINT8

For further information on FTPResultDataset Binary Data, refer to FTPResultDatasetBinary.

SDIO_GetOSDImage

Summary

Get OSD Image.

Description

Field	Value
Operation Code	0x9238
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	OSD Image Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None

Field	Value
Response Parameter 4	None
Response Parameter 5	None

Data

OSD Image Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to OSDImage	1	4	UNIT32
OSD Image Size	2	4	UINT32
Offset to OSDImageMetaInfo	3	4	UNIT32
OSDImageMetaInfo Size	4	4	UINT32
Reserved	5	Variable	UINT8
OSDImage Binary	6	OSDImage Size	UINT8
OSDImageMetaInfo	7	OSDImageMetaInfo Size	UINT8

Note

The image data of the OSD displayed on the camera is obtained as an OSDImage Binary.
The data format of the OSDImage Binary is PNG.
To obtain the OSDImage Binary, the device property OSD Image Mode must be turned “ON.”

SDIO_GetRestrictionInfo

Summary

Get Restriction Info.

Description

Field	Value
Operation Code	0x9239
Operation Parameter 1	Flag of Device Property Option
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIGetRestrictionInfo Dataset
Data Direction	R->I

Field	Value
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Authentication_Failed, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIGetRestrictionInfo Dataset

Field	Field Order	Size (Bytes)	Datatype
SDIOperationCode Array	1	variable	UINT16 Array
SDIDevicePropCode Array	2	variable	UINT16 Array
SDIControlCode Array	3	variable	UINT16 Array

Note

When resirictionmode is set to enable, available functions can be acquired.
When resirictionmode is set to disable, it returns empty, and the response code is a camera error.
Flag of Device Property Option (0x00000001:enable extended SDIO Device Property / SDIControlCode).

Some models may not include Cancel Media Format (0xD2E7) in the SDIGetRestrictionInfo Dataset. Please refer to Cancel Media Format Enable Status to check if this ControlCode can be executed.

SDIO_GetDeviceDescriptionFile

Summary

Get Device Description File.

Description

Field	Value
Operation Code	0x923A
Operation Parameter 1	File type
Operation Parameter 2	None
Operation Parameter 3	None

Field	Value
Operation Parameter 4	None
Operation Parameter 5	None
Data	Device Description xml Binary Data
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

File type

The Initiator should send this command with one of the following values:

Value	Description
0x00000001	DeviceDescription xml file
0x00000002	Digital Imaging Description xml file

Note

This command can be issued before OpenSession.

SDIO_GetCapturedDateList

Summary

Get Captured Date List.

Description

Field	Value
Operation Code	0x923B
Operation Parameter 1	slot number
Operation Parameter 2	None

Field	Value
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	Captured Date List
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

slot number

The Initiator should send this command with one of the following values:

Value	Description
0x00000001	SLOT1
0x00000002	SLOT2

Data

UnixTime（ms (Localtime)）on UINT64 Array Data.
Stored the generation time of representative content

Note

UnixTime (ms (Localtime)) on UINT64 Array Data. Stored the generation time of representative content.

SDIO_GetContentInfoList

Summary

Get Contents Info List.

Description

Field	Value
Operation Code	0x923C
Operation Parameter 1	CreateTime (lower 32bits) ※UTC is accurate to 1 ms
Operation Parameter 2	CreateTime (upper 32bits) ※UTC is accurate to 1 ms
Operation Parameter 3	Content Limit
Operation Parameter 4	Extra1
Operation Parameter 5	Extra2
Data	Content Info List Binary Data
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

CreateTime

Value	Description
0 ~ 0xFFFFFFFFFFFFFFFF	UnixTime (ms) : UTC/Localtime

Contents Limit

Value	Description
variable	Limit value

Extra1

Value	Description
variable	Bit7-0 is slot number Bit31-8 is reserved

Extra2

Value	Description
variable	Bit1-0 is time type 0b00:UTC, 0b01:localtime Bit31-2 is reserved

Data

For further information on Content Info List Binary Data, refer to ContentInfoListBinary.

Note

The actual number of contents is subject to change based on the conditions at the time of acquisition. If any content is deleted during the list retrieval process, the valid content will be compacted towards the front, and the remaining space will be filled with zeros. This can be identified by checking if the content_type is set to zero. It is important to note that the presence of content in the list does not guarantee its existence, as content that has been transmitted may be deleted. In the event of any changes to the content list, a SDIE_ContentInfoListChanged notification will be triggered. Depending on the circumstances, please ensure to reacquire the list to reflect the most current data.

SDIO_GetContentData

Summary

Get Content Data.

Description

Field	Value
Operation Code	0x923D
Operation Parameter 1	contentID
Operation Parameter 2	slot and fileID
Operation Parameter 3	Offset in bytes (lower 32bits)
Operation Parameter 4	Offset in bytes (upper 32bits)
Operation Parameter 5	Maximum number of bytes to obtain, And End Point Info
Data	Object Binary Data
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	Time Stamp (UnixTime(ms):UTC) (lower 32bits) ※UTC is accurate to 1 ms
Response Parameter 2	Time Stamp (UnixTime(ms):UTC) (upper 32bits) ※UTC is accurate to 1 ms
Response Parameter 3	None

Field	Value
Response Parameter 4	None
Response Parameter 5	None

Parameters

contentid

Value	Description
variable	contentid

slot and fileID

Value	Description
variable	Bit31-24 is slot number Bit23-16 is reserved (ALL 0). Bit15-0 is fileID

Maximum number of bytes to obtain, And End Point Info

Value	Description
variable	Bit31 is End Point Info Flag Bit30-0 is Maximum number of bytes to obtain

SDIO_GetContentCompressedData

Summary

Get Content Compressed Data.

Description

Field	Value
Operation Code	0x923E
Operation Parameter 1	contentID
Operation Parameter 2	slot and fileID
Operation Parameter 3	types
Operation Parameter 4	None
Operation Parameter 5	None
Data	Object Binary Data
Data Direction	R->I

Field	Value
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

contentid

Value	Description
variable	contentid

slot and fileID

Value	Description
variable	Bit31-24 is slot number Bit23-16 is reserved (ALL 0). Bit15-0 is fileID

types

Value	Description
0x00000001	Thumnail
0x00000002	Screennail

SDIO_GetStreamSettingList

Summary

Get Stream Setting List.

Description

Field	Value
Operation Code	0x9241
Operation Parameter 1	None
Operation Parameter 2	None

Field	Value
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIStreamSettingList Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIStreamSettingList is String List Dataset

SDIStreamSettingList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to StreamSettingList	1	4	UNIT32
StreamSettingList Size	2	4	UNIT32
Reserved	3	variable	UINT8
StreamSettingList Binary	4	StreamSettingList Size	UINT8

Note

`SDIO_GetStreamSettingList` can be obtained only when the device property StreamSettingList Operation Enable Status is Enable (`0x01`).

SDIO_SetStreamSettingList

Summary

Set Stream Setting List.

Description

Field	Value
Operation Code	0x9242
Operation Parameter 1	Video Stream number
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIStreamSettingList Dataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Store_Not_Available, Invalid_Parameter, Feature_version_Invalid_Value, Camera_Status_Error
Response Parameter 1	Result
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

SDIStreamSettingList is String List Dataset

SDIStreamSettingList Dataset

Field	Field Order	Size (Bytes)	Datatype
Offset to StreamSettingList	1	4	UNIT32
StreamSettingList Size	2	4	UNIT32
Reserved	3	variable	UINT8
StreamSettingList Binary	4	StreamSettingList Size	UINT8

Result

Value	Description
0x00000000	OK
0x00000001	NG
0x00000002	NG URL Setting Value
0x00000003	NG Port Setting Value
0x00000004	NG Stream Key Setting Value
0x00000005	NG Stream Latency Value
0x00000006	NG Stream TTL Value
0x00000007	NG Stream Cipher Type Value
0x00000008	NG Stream Cipher Key Value
0x00000009	NG Stream Mode Setting Value

Note

SDIO_SetStreamSettingList can be executed only when the device property StreamSettingList Operation Enable Status is Enable (`0x01`).
Operation Parameter 1 should be set according to the capability of the DP, Video Stream Select.
If the Response Code is OK, the result is set to OK (0x00000000).
If the Response Code is Invalid_Parameter, the result is set to a value between 0x00000002 and 0x00000009.
Error priority is highest for 0x00000002 and lowest for 0x00000009.
If the Response Code is any other error, the result is set to 0x00000001.

SDIO_ControlPTZF

Summary

Control the PTZF

Description

Field	Value
Operation Code	0x9245
Operation Parameter 1	ControlType
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	ControlPTZF Binary
Data Direction	I->R

Field	Value
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

ControlType

The host should send this command with one of the following values.

Value	Description
0x00000001	Absolute Drive
0x00000002	Relative Drive
0x00000003	Direction Drive
0x00000004	Home Position
0x00000005	Reset
0x00000006	Cancel

Data

The host should send this command with one of the ControlPTZF binary datas.

Note

This Command can be executed only when the IsEnabled field of the ControlPTZF Binary Version device property is not False(0x00).

SDIO_SetPresetPTZF

Summary

Set Preset PTZF

Description

Field	Value
Operation Code	0x9246
Operation Parameter 1	Type of data

Field	Value
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SetPresetPTZF Binary
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Parameters

Type of data

The host should send this command with one of the following values.

Value	Description
0x00000001	Preset Set
0x00000002	Preset Clear

Data

The host should send this command with one of the SetPresetPTZF binary datas.

Note

This Command can be executed only when the IsEnabled field of the device property SetPresetPTZF Binary Version is not False (0x00). See SetPresetPTZF Binary Version for version information.

SDIO_GetFirmwareUpdateInfo

Summary

Get FirmwareUpdateInfo in Media.

Description

Field	Value
Operation Code	0x9247
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	FirmwareUpdateInfo Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Invalid_Parameter, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

For further information on FirmwareUpdateInfo Dataset, refer to FirmwareUpdateInfo binary datas.

Note

Refer to Perform a Firmware Update in Tips for how to use it.

SDIO_GetAreaTimeZoneSetting

Summary

Get AreaTimeZone Setting.

Description

Field	Value
Operation Code	0x9248
Operation Parameter 1	None

Field	Value
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	AreaTimeZone Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Invalid_Parameter, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

For further information on AreaTimeZoneDataset Binary Data, refer to AreaTimeZoneDataset Binary.

SDIO_SetAreaTimeZoneSetting

Summary

Set AreaTimeZone Setting.

Description

Field	Value
Operation Code	0x9249
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None

Field	Value
Operation Parameter 5	None
Data	AreaTimeZone Dataset
Data Direction	I->R
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Invalid_Parameter, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

For further information on AreaTimeZoneDataset Binary Data, refer to AreaTimeZoneDataset Binary.

SDIO_GetLicenseInfoList

Summary

Get License Info List

Description

Field	Value
Operation Code	0x924D
Operation Parameter 1	None
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	License Info List Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Device_Busy, Parameter_Not_Supported, Invalid_Parameter, Camera_Status_Error

Field	Value
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

For further infomation of License Info List Dataset, refer to LicenseInfoListDataset Binary.

SDIO_DeleteContent

Summary

Delete Content.

Description

Field	Value
Operation Code	0x9250
Operation Parameter 1	contentID
Operation Parameter 2	slot
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	N/A
Data Direction	None
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Parameter_Not_Supported, Camera_Status_Error
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None

Field	Value
Response Parameter 4	None
Response Parameter 5	None

Note
For contentID and slot , refer to ContentInfoList.

If you execute this command consecutively, please allow an interval of 600 ms.

SDIO_GetExtDeviceProp

Summary
Get the DevicePropInfo.

Description

Field	Value
Operation Code	0x9251
Operation Parameter 1	DevicePropCode
Operation Parameter 2	None
Operation Parameter 3	None
Operation Parameter 4	None
Operation Parameter 5	None
Data	SDIDevicePropInfo Dataset
Data Direction	R->I
Response Code	OK, Operation_Not_Supported, Session_Not_Open, Invalid_TransactionID, Parameter_Not_Supported
Response Parameter 1	None
Response Parameter 2	None
Response Parameter 3	None
Response Parameter 4	None
Response Parameter 5	None

Data

Refer to the SDIDevicePropInfo Dataset described in SDIO_GetAllExtDevicePropInfo.

Note

Only one specified SDIDevicePropInfo Dataset can be obtained. This command does not affect the “Gets only difference data” in the SDIO_GetAllExtDevicePropInfo.

Device Properties

This chapter provides the detailed device property specification of Camera Control PTP.

White Balance

Summary

Get/Set the white balance.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x5005
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Manual
0x0002	AWB
0x0003	One-push Automatic
0x0004	Daylight
0x0005	Fluorescent
0x0006	Tungsten (Incandescent)
0x0007	Flash
0x8001	Fluor.: Warm White (-1)
0x8002	Fluor.: Cool White (0)
0x8003	Fluor.: Day White (+1)
0x8004	Fluor.: Daylight White (+2)
0x8010	Cloudy
0x8011	Shade
0x8012	C.Temp.
0x8020	Custom 1
0x8021	Custom 2
0x8022	Custom 3

Value	Description
0x8023	Custom
0x8030	Underwater Auto

F-Number

Summary
Get/Set the aperture value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x5007
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0xFFFF
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFD	Iris Close
0xFFFE	--
0xFFFF	nothing to display
Other than the above values	100 times the real value of the F-Number e.g.) 0x01C2= 450 /100 = 4.5

Focus Mode

Summary
Get/Set the focus mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x500A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Manual(MF)
0x0002	Automatic(AF_S)
0x0003	Automatic Macro(close-up)
0x8004	Continuous AF(AF_C)
0x8005	Auto(AF_A)
0x8006	Direct Manual Focus(DMF)
0x8007	Manual Focus Reverse(MF_R)
0x8008	(AF-D)
0x8009	Preset Focus(PF)

Exposure Metering Mode

Summary

Get/Set the exposure metering mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x500B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Average
0x0002	Center-weighted-average
0x0003	Multi-spot
0x0004	Center-spot
0x8001	Multi
0x8002	Center-weighted
0x8003	Entire Screen Avg.
0x8004	Spot : Standard
0x8005	Spot : Large
0x8006	Highlight
0x8011	Standard

Value	Description
0x8012	Backlight
0x8013	Spotlight

Flash Mode

Summary

Get/Set the flash mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x500C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Auto flash
0x0002	Flash off
0x0003	Fill flash
0x0004	Red eye auto
0x0005	Red eye fill
0x0006	External Sync
0x8001	Slow Sync
0x8003	Rear Sync
0x8004	Wireless
0x8021	HSS auto
0x8022	HSS fill
0x8024	HSS WL
0x8031	Slow Sync Red Eye On
0x8032	Slow Sync Red Eye Off
0x8041	Slow Sync Wireless
0x8042	Rear Sync Wireless

Exposure Program Mode

Summary

Get/Set the exposure program mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x500E
Datatype	2	2	UINT16	0x006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Manual (M)
0x00010002	Automatic (P)
0x00020003	Aperture Priority (A)
0x00030004	Shutter Priority (S)
0x00000005	Program Creative (Greater Depth of Field)
0x00000006	Program Action (Faster Shutter Speed)
0x00000007	Portrait
0x00048000	Auto
0x00048001	Auto+
0x00008008	P_A
0x00008009	P_S
0x00058011	Sports Action
0x00058012	Sunset
0x00058013	Night Scene
0x00058014	Landscape
0x00058015	Macro
0x00058016	Hand-held Twilight
0x00058017	Night Portrait
0x00058018	Anti Motion Blur
0x00058019	Pet
0x0005801A	Gourmet
0x0005801B	Fireworks
0x0005801C	High Sensitivity

Value	Description
0x00008020	Memory Recall (MR)
0x00008030	Continuous Priority AE
0x00008031	Tele-Zoom Continuous Priority AE 8pics
0x00008032	Tele-Zoom Continuous Priority AE 10pics
0x00008033	Continuous Priority AE12pics
0x00068040	3D Sweep Panorama Shooting
0x00068041	Sweep Panorama Shooting
0x00078050	Movie Recording (P)
0x00078051	Movie Recording (A)
0x00078052	Movie Recording (S)
0x00078053	Movie Recording (M)
0x00078054	Movie Recording (Auto)
0x00098059	Movie Recording (S&Q Motion (P))
0x0009805A	Movie Recording (S&Q Motion (A))
0x0009805B	Movie Recording (S&Q Motion (S))
0x0009805C	Movie Recording (S&Q Motion (M))
0x0009805D	Movie Recording (S&Q Motion (Auto))
0x00008060	Flash Off
0x00008070	Picture Effect
0x00088080	High Frame Rate (P)
0x00088081	High Frame Rate (A)
0x00088082	High Frame Rate (S)
0x00088083	High Frame Rate (M)
0x00008084	S&Q Motion (P)
0x00008085	S&Q Motion (A)
0x00008086	S&Q Motion (S)
0x00008087	S&Q Motion (M)
0x000A8088	Movie
0x000A8089	Still
0x000B808A	F (Movie or S&Q)
0x00078090	Movie F Mode
0x00098091	S&Q F Mode
0x000C8092	Interval REC (Movie) F Mode
0x000C8093	Interval REC (Movie) (P)
0x000C8094	Interval REC (Movie) (A)
0x000C8095	Interval REC (Movie) (S)
0x000C8096	Interval REC (Movie) (M)

Value	Description
0x000C8097	Interval REC (Movie) (Auto)

Note

After changing the Exposure Program Mode, when setting the shooting parameters, please send the command after a 500 ms interval. In some models, changing settings such as the shutter speed immediately after modifying this mode may result in indeterminate values being set.

Exposure Bias Compensation

Summary

Get/Set the exposure bias compensation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x5010
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value is obtained by multiplying a real Exposure Bias Compensation value by 1000. e.g.) 0xEC78 = -5000 (means -5.0Ev) 0x0000 = 0 (means 0.0Ev) 0x1388 = 5000 (means 5.0Ev)

Still Capture Mode

Summary

Get/Set the drive mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0x5013
Datatype	2	2	UINT16	0x006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Normal
0x00010002	Continuous Shooting Hi
0x00018010	Continuous Shooting Hi+
0x00018011	Continuous Shooting Hi-Live
0x00018012	Continuous Shooting Lo
0x00018013	Continuous Shooting
0x00018014	Continuous Shooting Speed Priority
0x00018015	Continuous Shooting Mid
0x00018016	Continuous Shooting Mid-Live
0x00018017	Continuous Shooting Lo-Live
0x00020003	Timelapse
0x00038003	Self Timer 5 Sec.
0x00038004	Self Timer 10 Sec.
0x00038005	Self Timer 2 Sec.
0x0004C237	Continuous Bracket 0.3 EV 2 Img. +
0x0004C23F	Continuous Bracket 0.3 EV 2 Img. -
0x00048337	Continuous Bracket 0.3 EV 3 Img.
0x00048537	Continuous Bracket 0.3 EV 5 Img.
0x00048737	Continuous Bracket 0.3 EV 7 Img.
0x00048937	Continuous Bracket 0.3 EV 9 Img.
0x0004C257	Continuous Bracket 0.5 EV 2 Img. +
0x0004C25F	Continuous Bracket 0.5 EV 2 Img. -
0x00048357	Continuous Bracket 0.5 EV 3 Img.
0x00048557	Continuous Bracket 0.5 EV 5 Img.
0x00048757	Continuous Bracket 0.5 EV 7 Img.
0x00048957	Continuous Bracket 0.5 EV 9 Img.
0x0004C277	Continuous Bracket 0.7 EV 2 Img. +
0x0004C27F	Continuous Bracket 0.7 EV 2 Img. -
0x00048377	Continuous Bracket 0.7 EV 3 Img.
0x00048577	Continuous Bracket 0.7 EV 5 Img.
0x00048777	Continuous Bracket 0.7 EV 7 Img.
0x00048977	Continuous Bracket 0.7 EV 9 Img.
0x0004C211	Continuous Bracket 1.0 EV 2 Img. +
0x0004C219	Continuous Bracket 1.0 EV 2 Img. -

Value	Description
0x00048311	Continuous Bracket 1.0 EV 3 Img.
0x00048511	Continuous Bracket 1.0 EV 5 Img.
0x00048711	Continuous Bracket 1.0 EV 7 Img.
0x00048911	Continuous Bracket 1.0 EV 9 Img.
0x0004C241	Continuous Bracket 1.3 EV 2 Img. +
0x0004C249	Continuous Bracket 1.3 EV 2 Img. -
0x00048341	Continuous Bracket 1.3 EV 3 Img.
0x00048541	Continuous Bracket 1.3 EV 5 Img.
0x00048741	Continuous Bracket 1.3 EV 7 Img.
0x0004C261	Continuous Bracket 1.5 EV 2 Img. +
0x0004C269	Continuous Bracket 1.5 EV 2 Img. -
0x00048361	Continuous Bracket 1.5 EV 3 Img.
0x00048561	Continuous Bracket 1.5 EV 5 Img.
0x00048761	Continuous Bracket 1.5 EV 7 Img.
0x0004C281	Continuous Bracket 1.7 EV 2 Img. +
0x0004C289	Continuous Bracket 1.7 EV 2 Img. -
0x00048381	Continuous Bracket 1.7 EV 3 Img.
0x00048581	Continuous Bracket 1.7 EV 5 Img.
0x00048781	Continuous Bracket 1.7 EV 7 Img.
0x0004C221	Continuous Bracket 2.0 EV 2 Img. +
0x0004C229	Continuous Bracket 2.0 EV 2 Img. -
0x00048321	Continuous Bracket 2.0 EV 3 Img.
0x00048521	Continuous Bracket 2.0 EV 5 Img.
0x00048721	Continuous Bracket 2.0 EV 7 Img.
0x0004C251	Continuous Bracket 2.3 EV 2 Img. +
0x0004C259	Continuous Bracket 2.3 EV 2 Img. -
0x00048351	Continuous Bracket 2.3 EV 3 Img.
0x00048551	Continuous Bracket 2.3 EV 5 Img.
0x0004C271	Continuous Bracket 2.5 EV 2 Img. +
0x0004C279	Continuous Bracket 2.5 EV 2 Img. -
0x00048371	Continuous Bracket 2.5 EV 3 Img.
0x00048571	Continuous Bracket 2.5 EV 5 Img.
0x0004C291	Continuous Bracket 2.7 EV 2 Img. +
0x0004C299	Continuous Bracket 2.7 EV 2 Img. -
0x00048391	Continuous Bracket 2.7 EV 3 Img.
0x00048591	Continuous Bracket 2.7 EV 5 Img.
0x0004C231	Continuous Bracket 3.0 EV 2 Img. +

Value	Description
0x0004C239	Continuous Bracket 3.0 EV 2 Img. -
0x00048331	Continuous Bracket 3.0 EV 3 Img.
0x00048531	Continuous Bracket 3.0 EV 5 Img.
0x0005C236	Single Bracket 0.3 EV 2 Img. +
0x0005C23E	Single Bracket 0.3 EV 2 Img. -
0x00058336	Single Bracket 0.3 EV 3 Img.
0x00058536	Single Bracket 0.3 EV 5 Img.
0x00058736	Single Bracket 0.3 EV 7 Img.
0x00058936	Single Bracket 0.3 EV 9 Img.
0x0005C256	Single Bracket 0.5 EV 2 Img. +
0x0005C25E	Single Bracket 0.5 EV 2 Img. -
0x00058356	Single Bracket 0.5 EV 3 Img.
0x00058556	Single Bracket 0.5 EV 5 Img.
0x00058756	Single Bracket 0.5 EV 7 Img.
0x00058956	Single Bracket 0.5 EV 9 Img.
0x0005C276	Single Bracket 0.7 EV 2 Img. +
0x0005C27E	Single Bracket 0.7 EV 2 Img. -
0x00058376	Single Bracket 0.7 EV 3 Img.
0x00058576	Single Bracket 0.7 EV 5 Img.
0x00058776	Single Bracket 0.7 EV 7 Img.
0x00058976	Single Bracket 0.7 EV 9 Img.
0x0005C210	Single Bracket 1.0 EV 2 Img. +
0x0005C218	Single Bracket 1.0 EV 2 Img. -
0x00058310	Single Bracket 1.0 EV 3 Img.
0x00058510	Single Bracket 1.0 EV 5 Img.
0x00058710	Single Bracket 1.0 EV 7 Img.
0x00058910	Single Bracket 1.0 EV 9 Img.
0x0005C240	Single Bracket 1.3 EV 2 Img. +
0x0005C248	Single Bracket 1.3 EV 2 Img. -
0x00058340	Single Bracket 1.3 EV 3 Img.
0x00058540	Single Bracket 1.3 EV 5 Img.
0x00058740	Single Bracket 1.3 EV 7 Img.
0x0005C260	Single Bracket 1.5 EV 2 Img. +
0x0005C268	Single Bracket 1.5 EV 2 Img. -
0x00058360	Single Bracket 1.5 EV 3 Img.
0x00058560	Single Bracket 1.5 EV 5 Img.
0x00058760	Single Bracket 1.5 EV 7 Img.

Value	Description
0x0005C280	Single Bracket 1.7 EV 2 Img. +
0x0005C288	Single Bracket 1.7 EV 2 Img. -
0x00058380	Single Bracket 1.7 EV 3 Img.
0x00058580	Single Bracket 1.7 EV 5 Img.
0x00058780	Single Bracket 1.7 EV 7 Img.
0x0005C220	Single Bracket 2.0 EV 2 Img. +
0x0005C228	Single Bracket 2.0 EV 2 Img. -
0x00058320	Single Bracket 2.0 EV 3 Img.
0x00058520	Single Bracket 2.0 EV 5 Img.
0x00058720	Single Bracket 2.0 EV 7 Img.
0x0005C250	Single Bracket 2.3 EV 2 Img. +
0x0005C258	Single Bracket 2.3 EV 2 Img. -
0x00058350	Single Bracket 2.3 EV 3 Img.
0x00058550	Single Bracket 2.3 EV 5 Img.
0x0005C270	Single Bracket 2.5 EV 2 Img. +
0x0005C278	Single Bracket 2.5 EV 2 Img. -
0x00058370	Single Bracket 2.5 EV 3 Img.
0x00058570	Single Bracket 2.5 EV 5 Img.
0x0005C290	Single Bracket 2.7 EV 2 Img. +
0x0005C298	Single Bracket 2.7 EV 2 Img. -
0x00058390	Single Bracket 2.7 EV 3 Img.
0x00058590	Single Bracket 2.7 EV 5 Img.
0x0005C230	Single Bracket 3.0 EV 2 Img. +
0x0005C238	Single Bracket 3.0 EV 2 Img. -
0x00058330	Single Bracket 3.0 EV 3 Img.
0x00058530	Single Bracket 3.0 EV 5 Img.
0x00068018	White Balance Bracket Lo
0x00068028	White Balance Bracket Hi
0x00078019	DRO Bracket Lo
0x00078029	DRO Bracket Hi
0x0007801A	LPF Bracket
0x0007800A	Remote Commander
0x0007800B	Mirror Up
0x00078006	Self Portrait 1 Person
0x00078007	Self Portrait 2 People
0x00088008	Continuous Self Timer 3 Img.
0x00088009	Continuous Self Timer 5 Img.

Value	Description
0x0008800C	Continuous Self Timer 3 Img. 5 Sec.
0x0008800D	Continuous Self Timer 5 Img. 5 Sec.
0x0008800E	Continuous Self Timer 3 Img. 2 Sec.
0x0008800F	Continuous Self Timer 5 Img. 2 Sec.
0x00098030	Spot Burst Shooting Lo
0x00098031	Spot Burst Shooting Mid
0x00098032	Spot Burst Shooting Hi
0x000A8040	Focus Bracket

T-Number

Summary

Get/Set the T-number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD000
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0xFFFF
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFD	Iris Close
0xFFFE	--
0xFFFF	nothing to display
Other than above values	100 times the real value of T-Number e.g.) 0x01C2= 450 /100 = 4.5

Iris Mode Setting

Summary

Get/Set the iris mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD001

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

Iris Close Setting

Summary

Get/Set the iris close setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD002
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Iris Display Unit

Summary

Get/Set the iris display unit.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD003

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	F
0x03	T

Focal Distance in Meter

Summary

Get/Set the focal distance in meter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD004
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

This device property is not supported, and its value is not guaranteed with the following models: ILCE-7CM2 (Ver. 1.00), ILCE-7CR (Ver. 1.00), and ILX-LR1 (Ver. 1.00).

Focal Distance in Feet

Summary

Get/Set the focal distance in feet.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD005
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

If current value is 0xFFFFFFFF, ∞
1000 times the real value of focal distance in feet
e.g.) 0x00005014 = 20500 /1000 = 20.5 feet
e.g.) 0x00030D4 = 200000 /1000 = 200 feet

Focal Distance Unit Setting

Summary

Get/Set the focal distance unit setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD006
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Meter
0x02	Feet

Focus Mode Setting

Summary

Get/Set the focus mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD007
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

Focus Speed Range

Summary

Get the focus speed range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD008
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A (0x00)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note

Current parameter is fixed at 0.
The range of the parameter is the same as that of the Focus Operation.

Digital Zoom Scale

Summary

Get/Set the digital zoom scale.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00A
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Min/max/step are variable. 1000 times the real value of the zoom scale.
“step” varies as the camera’s condition changes. E.g., 1.0→1.2→1.4→... = 200.
Set the values multiplied by step to min/max/value. E.g., min=1000, max=8000, step=200, value=0: 1200 (min=x1.0, max=8.0, value=x1.2).
Zoom Scale (0xD25C) shows the total digital and optical scale.

Zoom Distance

Summary

Get/Set the zoom distance.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00B
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT32	0x00
CurrentValue	6	1	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Min/max/step are variable. Their units are 0.001 mm.
Set the values multiplied by step to min/max/value. E.g., min=18000, max=55000, step=1000, value=0: 20000 (min=18.0, max=55.0, value=x20.0).
Maximum value defined in the protocol is 4294967 mm.

White Balance Mode Setting

Summary

Get/Set the white balance mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

White Balance Tint

Summary
Get/Set the white balance tint.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00D
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-99	min
99	max
1	step

Shutter Angle

Summary
Get/Set the shutter angle.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00E
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	-

Value	Description
Other than above values	1000 times the real value of Shutter Angle e.g.) 0x0002BF20 = 180000 /1000 = 180 e.g.) 0x00015F90 = 90000 /1000 = 90

Shutter Setting

Summary

Get/Set the shutter setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD00F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Shutter Mode

Summary

Get/Set the shutter mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD010
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Speed
0x02	Angle

Shutter Mode Status

Summary

Get/Set the shutter mode status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD011
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Speed
0x03	Angle
0x04	ECS
0x05	Auto

Note

This value depends on the following commands:
Shutter Setting (0xD00F)
Shutter ECS Setting (0xE006)
Shutter Mode (0xD010)

Shutter Select Mode

Summary

Get/Set the electronic shutter select mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD012

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Step
0x02	Continuous

Shutter Mode Setting

Summary

Get/Set the shutter mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD013
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

Shutter Slow

Summary

Get/Set the shutter slow.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD014

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
0x01	OFF
0x02	ON

Shutter Slow Frames

Summary

Get/Set the shutter slow frames.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD015
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
0x00	-
Other than above values	Shutter Slow Frames Value

Shutter Speed Value

Summary

Get/Set the shutter speed value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD016

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
variable	Upper four bytes: numerator, Lower four bytes: denominator

Shutter Speed Current Value

Summary

Get the shutter speed current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD017
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
variable	Upper four bytes: numerator, Lower four bytes: denominator

ND Filter

Summary

Get/Set the ND filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD018
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

ND Filter Mode

Summary

Get the ND filter mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD019
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Preset
0x03	PresetClear
0x04	Variable
0x05	VariableClear
0x06	Step
0x07	StepClear

ND Filter Mode Setting

Summary

Get/Set the ND filter mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

ND Filter Value

Summary

Get/Set the ND filter value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01B
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of ND Filter (Upper four bytes: numerator, Lower four bytes: denominator)

Note

This value is expressed in transmittance.

Gain Control Setting

Summary
Get/Set the gain control setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

Gain Unit Setting

Summary
Get/Set the gain unit setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	dB
0x02	ISO

Gain dB Value

Summary
Get/Set the gain dB value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01E
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Gain dB Current Value

Summary
Get the gain dB current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD01F
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Gain Base ISO Sensitivity

Summary

Get/Set the gain base ISO sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD020
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	High level
0x02	Low level

Gain Base Sensitivity

Summary

Get/Set the gain base sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD021
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	High level
0x02	Low level

Exposure Index

Summary
Get/Set the exposure index.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD022
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Exposure Index

Note
Set the EI value; the set value varies depending on the model and the setting status of the camera.
See SDIO_GetDisplayStringList for display characters and highlight the latitude list associated with EI.
E.g., If setting with “200EI / 4.0E,” set 0x00C8.

ISO Current Sensitivity

Summary
Get the ISO current sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD023
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000000A	ISO 10

Value	Description
0x0000000C	ISO 12
0x00000010	ISO 16
0x00000014	ISO 20
0x00000019	ISO 25
0x00000020	ISO 32
0x00000028	ISO 40
0x00000032	ISO 50
0x00000040	ISO 64
0x00000050	ISO 80
0x00000064	ISO 100
0x0000007D	ISO 125
0x000000A0	ISO 160
0x000000C8	ISO 200
0x000000FA	ISO 250
0x00000140	ISO 320
0x00000190	ISO 400
0x000001F4	ISO 500
0x00000280	ISO 640
0x00000320	ISO 800
0x000003E8	ISO 1000
0x000004E2	ISO 1250
0x00000640	ISO 1600
0x000007D0	ISO 2000
0x000009C4	ISO 2500
0x00000C80	ISO 3200
0x00000FA0	ISO 4000
0x00001388	ISO 5000
0x00001900	ISO 6400
0x00001F40	ISO 8000
0x00002710	ISO 10000
0x00003200	ISO 12800
0x00003E80	ISO 16000
0x00004E20	ISO 20000
0x00006400	ISO 25600
0x00007D00	ISO 32000
0x00009C40	ISO 40000
0x0000C800	ISO 51200

Value	Description
0x0000FA00	ISO 64000
0x00013880	ISO 80000
0x00019000	ISO 102400
0x0001F400	ISO 128000
0x00027100	ISO 160000
0x00032000	ISO 204800
0x0003E800	ISO 256000
0x0004E200	ISO 320000
0x00064000	ISO 409600
0x0007D000	ISO 512000
0x0009C400	ISO 640000
0x000C8000	ISO 819200

Recording Resolution for Main (Movie)

Summary

Get/Set the recording resolution for main.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD024
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000-0xFFFFFFFF	Recording resolution (Width, Height)

Note

The “Width” is set in the upper two bytes and the “Height” is set in the lower two bytes
If the resolution (width) is 1920 and (height) is 1080, set 0x07800438. 0x0780 = 0d1920, 0x0438 = 0d1080.

Recording Resolution for Proxy (Movie)

Summary

Get/Set the recording resolution for proxy.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD025
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000-0xFFFFFFFF	Recording resolution (Width, Height)

Note

The "Width" is set in the upper two bytes and the "Height" is set in the lower two bytes
if resolution (Width) is 1920, (Height) is 1080, set 0x07800438. 0x0780 = 0d1920, 0x0438 = 0d1080

Proxy File Format (Movie)

Summary

Get/Set the proxy file format (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD027
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DVD
0x02	M2PS
0x03	AVCHD
0x04	MP4
0x05	DV
0x06	XAVC

Value	Description
0x07	MXF
0x08	XAVC S 4K
0x09	XAVC S HD
0x0A	XAVC HS 8K
0x0B	XAVC HS 4K
0x0C	XAVC S-L 4K
0x0D	XAVC S-L HD
0x0E	XAVC S-I 4K
0x0F	XAVC S-I HD
0x10	XAVC I
0x11	XAVC L
0x12	XAVC Proxy
0x13	XAVC HS HD
0x14	XAVC S-I DCI 4K
0x15	XAVC H-I HQ
0x16	XAVC H-I SQ
0x17	XAVC H-L
0x18	X-OCN XT
0x19	X-OCN ST
0x1A	X-OCN LT
0x1B	XAVC HS-L 422
0x1C	XAVC HS-L 420
0x1D	XAVC S-L 422
0x1E	XAVC S-L 420
0x1F	XAVC S-I 422
0x20	MPEG HD 422

Recording Frame Rate Proxy Setting (Movie)

Summary

Get/Set the recording frame rate proxy setting (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD028
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	120p (*1)
0x02	100p
0x03	60p (*2)
0x04	50p
0x05	30p (*3)
0x06	25p
0x07	24p (*4)
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x0B	19.98p
0x0C	14.99p
0x0D	12.50p
0x0E	12.00p
0x0F	11.99p
0x10	10.00p
0x11	9.99p
0x12	6.00p
0x13	5.99p
0x14	5.00p
0x15	4.995p
0x16	24.00p
0x17	119.88p
0x41	120i (*1)
0x42	100i
0x43	60i (*2)
0x44	50i
0x45	30i (*3)
0x46	25i
0x47	24i (*4)
0x48	23.98i
0x49	29.97i

Value	Description
0x4A	59.94i
0x4B	19.98i
0x4C	14.99i
0x4D	12.50i
0x4E	12.00i
0x4F	11.99i
0x50	10.00i
0x51	9.99i
0x52	6.00i
0x53	5.99i
0x54	5.00i
0x55	4.995i
0x56	24.00i
0x57	119.88i

Note

Means field frequency.
*1 The actual field frequency may be 119.88 for some cameras.
*2 The actual field frequency may be 59.94 for some cameras.
*3 The actual field frequency may be 29.97 for some cameras.
*4 The actual field frequency may be 23.98 for some cameras.

Zoom Distance Unit Setting

Summary

Get/Set the zoom distance unit setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD029
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	mm

Value	Description
0x02	percent

Sync ID for FTP Job List

Summary

Get the sync ID for FTP job list.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD02A
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
1	step

Media SLOT1 Rec Available Type

Summary

Get the media slot 1 record available clip type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD02B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
0x01	Main
0x02	Proxy
0x03	Main + Proxy

Media SLOT2 Rec Available Type

Summary

Get the media slot 2 record available clip type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD02C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
0x01	Main
0x02	Proxy
0x03	Main + Proxy

Select FTP ServerID

Summary

Get/Set the selected FTP ServerID.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD02E
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFF	nothing to display.
Other than above values	The real value of Server ID

Movie Playing State

Summary

Get the movie playing state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD02F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Not Playing
0x01	Playing

Movie Playing Speed

Summary

Get movie playing speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD030
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of Clip Playing Speed (Upper four bytes: numerator, Lower four bytes: denominator)

Note

The numerator is int32_t type and the denominator is uint32_t type.

Media SLOT1 ProfileUrl

Summary

Get media slot 1 profile URL.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD031
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Profile URL

Media SLOT2 ProfileUrl

Summary

Get media slot 2 profile URL.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD032
Datatype	2	2	UINT16	0xFFFF(STR)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Profile URL

Media SLOT1 Player

Summary

Get the media slot 1 player.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD035
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
0x01	Player
0x02	Recoder
0x03	Player + Recoder

Media SLOT2 Player

Summary

Get the media slot 2 player.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD036

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
0x01	Player
0x02	Recoder
0x03	Player + Recoder

Battery Remain Display Unit

Summary

Get/Set the battery remain display unit.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD037
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	minute
0x02	percent
0x03	voltage

Battery Remaining in Minutes

Summary

Get the battery remaining in minutes.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD038
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x01	step

Note

0xFFFFFFFF is untaken.

Battery Remaining in Voltage

Summary

Get the battery remaining in voltage.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD039
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x01	step

Note

0xFFFFFFFF is untaken.
1000 times the real value of Battery Remaining in voltage

Power Source

Summary

Get/Set the power source.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD03A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DC
0x02	Battery
0x03	PoE

AWB

Summary

Get/Set the AWB.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD03B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

BaseLook Value

Summary

Get/Set the BaseLook value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD03C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT8	0x00
CurrentValue	6	2	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Index 1
0x0002	Index 2
0x0003	Index 3
0x0004	Index 4
0x0005	Index 5
0x0006	Index 6
0x0007	Index 7
0x0008	Index 8
0x0009	Index 9
0x000A	Index 10
0x000B	Index 11
0x000C	Index 12
0x000D	Index 13
0x000E	Index 14
0x000F	Index 15
0x0010	Index 16

Note

The number of values will increase or decrease depending on the camera models and their settings. Refer to SDIO_GetDisplayStringList for displayed strings.

The upper 1 byte indicates whether the index is a preset LUT index or a user LUT index.

- `0x00`: preset LUT index
- `0x01`: user LUT index

For example, the value `0x0101` means “User 1.”

DC Voltage

Summary

Get the DC voltage.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD03E
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x01	step

Note

0xFFFFFFFF is untaken.
1000 times the real value of DC voltage.

Software Version

Summary

Get the software version.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD040

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Software Version

FTP Function

Summary

Get/Set the FTP function.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD041
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Playback Media

Summary

Get/Set the playback media.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD042
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	Variable
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	SLOT1
0x02	SLOT2

REC Settings Reset Enable Status

Summary

Get the record settings reset enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD043
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Monitor DISP (Screen Display) Mode Candidates

Summary

Get the monitor DISP (screen display) mode candidates.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD044
Datatype	2	2	UINT16	0x0006(UINT32)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (0x00000000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Graphic Display
0x00000002	Display All Info.
0x00000004	Histogram
0x00000008	Level
0x00000010	No Disp. Info.
0x00000020	No Disp. Info. Exposure: On
0x00000040	No Disp. Info. Exposure: Timeout
0x00000080	For viewfinder
0x00000100	Monitor Off

Note

This bit-assigned available DISP values can be used to set “Monitor DISP (Screen Display) Mode Setting (0xD045)” by OR operation.

Monitor DISP (Screen Display) Mode Setting

Summary

Get/Set the monitor DISP (screen display) mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD045
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000001	min

Value	Description
0xFFFFFFFF	max
0x00000001	step

Note

Use the available DISP mode value obtained by “Monitor DISP (Screen Display) Mode Candidate (0xD044)” for OR operation.
Multiple values could be set using OR operation. Thus, at least one option must be set.
You must select “No Disp. Info. Exposure: On (0x0020)” or “No Disp. Info. Exposure: Timeout (0x0040)” despite “No Disp. Info.” selection.
If both “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be preferred.
If neither “No Disp. Info. Exposure: On (0x0020)” nor “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be set.
Only when “No Disp. Info. (0x0010)” is selected, “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” can be set.

Monitor DISP (Screen Display) Mode

Summary

Get/Set the monitor DISP (screen display) mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD046
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Graphic Display
0x02	Display All Info.
0x03	No Disp. Info.
0x04	Histogram
0x05	Level
0x06	For viewfinder
0x07	Monitor Off

Touch Operation

Summary
Get/Set the touch operation setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD047
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On
0x03	On: Playback only

Select Finder/Monitor

Summary
Get/Set the finder/monitor setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD048
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Viewfinder (Manual)
0x03	Monitor (Manual)

Value	Description
0x04	Auto2

Auto Power OFF Temperature

Summary

Get/Set the auto power off temperature.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD049
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	High

Body Key Lock

Summary

Get/Set the body key lock status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unlock

Value	Description
0x02	Lock

Image ID (Numerical Value)

Summary

Get/Set the image ID (numerical value).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04B
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000000000000000	min
0xFFFFFFFFFFFFFFFF	max
0x0000000000000001	step

Note

This device property is used only when the device property Image ID (Numerical Value) Setting is on (`0x02`). Refer to Linking GPS Information with Shooting Images in Tips for how to use it.

By specifying a value in this property before shooting, the value specified in the Exif tag of the image file shot after that will be saved. If you shoot immediately after setting, it may not be recorded on the Exif tag. Be sure to obtain and ensure that the set and get values match before shooting.

The Exif tag for the Image ID (Numerical Value) is `0x2042`.

Image ID (String)

Summary

Get/Set the image ID (string).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04C
Datatype	2	2	UINT16	0xFFFF(STR)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Image ID (String)

Note

This device property is used only when the device property Image ID (Numerical Value) Setting is on (`0x02`).

For the maximum character size that can be set, see Maximum Size of Image ID String. Please set the string in UTF16BE.

Refer to Linking GPS Information with Shooting Images in Tips for how to use it.

By specifying a value in this property before shooting, the value specified in the Exif tag of the image file shot after that will be saved. If you shoot immediately after setting, it may not be recorded on the Exif tag. Be sure to obtain and ensure that the set and get values match before shooting.

The Exif tag for the Image ID (String) is `0x2043`.

Monitor LUT Setting (All Line)

Summary

Get/Set the monitor LUT setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Auto FTP Transfer

Summary

Get/Set the auto FTP transfer.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Auto FTP Transfer Target

Summary

Get/Set the auto FTP transfer target.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD04F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Still
0x02	Movie
0x03	Still & Movie

Simul Rec Setting

Summary
Get/Set the simul recording setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD050
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

S&Q Mode Setting

Summary
Get/Set the S&Q mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD051
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

S&Q Frame Rate

Summary

Get/Set the S&Q frame rate.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD052
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	The real value of S&Q frame rate.

Note

The range of frame rate is 1 fps to 60 fps, and 100 fps / 120 fps / 150 fps / 180 fps / 200 fps / 240 fps.

Picture Cache Rec Setting

Summary

Get/Set the picture cache recording setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD053
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off

Value	Description
0x02	On

Picture Cache Rec Size and Time

Summary

Get/Set the picture cache recording size and time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD054
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000 ~ 0xFFFFFFFF	The cache size [Upper 8bits], Cache rec time(1/100sec) [Lower 24bits]

Note

The cache size is set in the upper 8bits, and the cache rec time is set in the lower 24bits.
If the cache size is “Short” and cache rec time is 5sec, set 0x010001F4. 0x01 = “Short,” 0x0001F4 = 500/100 = 5.00sec
If the cache size is unused and only the cache rec time is set, set 0x00 in the upper 8bits.
The value of cache size is “None(0x00),” “Short (0x01),” “Middle (0x02),” “Long (0x03),” “Max (0x04).”
0x05 to 0xFF is the reserve value.

Ex.) If the camera supports “Short - 5sec,” “Middle - 10sec,” “Long - 20sec,” and “Max - 31sec” as cache size and rec time, Enum values are the following.
Enum value[0] = 0x010001F4 (Short - 5sec)
Enum value[1] = 0x020003E8 (Middle - 10sec)
Enum value[2] = 0x030007D0 (Long - 20sec)
Enum value[3] = 0x04000C1C (Max - 31sec)

Interval REC (Movie) Time

Summary

Get/Set the interval recording (movie) time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD055

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	1 sec
0x00000002	2 sec
0x00000003	3 sec
0x00000004	4 sec
0x00000005	5 sec
0x00000006	6 sec
0x00000007	7 sec
0x00000008	8 sec
0x00000009	9 sec
0x0000000A	10 sec
0x0000000F	15 sec
0x00000014	20 sec
0x0000001E	30 sec
0x00000028	40 sec
0x00000032	50 sec
0x0000003C	1 min
0x00000078	2 min
0x000000B4	3 min
0x000000F0	4 min
0x0000012C	5 min
0x00000168	6 min
0x000001A4	7 min
0x000001E0	8 min
0x0000021C	9 min
0x00000258	10 min
0x00000384	15 min
0x000004B0	20 min
0x00000708	30 min
0x00000960	40 min

Value	Description
0x00000BB8	50 min
0x00000E10	1 hour
0x00001C20	2 hour
0x00002A30	3 hour
0x00003840	4 hour
0x00005460	6 hour
0x0000A8C0	12 hour
0x00015180	24 hour

Note
The real value of interval recording time.

Interval REC (Movie) Frames

Summary
Get/Set the interval recording (movie) number of frames.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD056
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	1 frame
0x0002	2 frames
0x0003	3 frames
0x0004	4 frames
0x0006	6 frames
0x0009	9 frames
0x000C	12 frames
0x0018	24 frames

Note
The real value of number of recording frames.

Upload Dataset Version

Summary
Get the UploadDataset version of UploadData command.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD057
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Upload Dataset Version

Note
ex) The Dataset Version is 0x00000064 (0d100).

BaseLookImport Command Version

Summary
Get the enabled status and command dataset version (BaseLookImport).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD059
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Dataset Version

Note

ex) The Dataset Version is 0x00000064 (0d100).
When the BaseLookImport feature is invalid, the IsEnable field is disabled.

Push Auto Iris

Summary

Get/Set the push auto iris.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD05B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Push AGC

Summary

Get/Set the push AGC.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD05C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Push Auto ND Filter

Summary

Get/Set the push auto ND filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD05D
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Push Auto Focus

Summary

Get/Set the push auto focus.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD05E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

Execute Hold when the value is Down (0x0002) and cancel Hold when the value is Up (0x0001).
When the focus mode is set to AF, the system operates in MF while the button remains hold.
When the focus mode is set to MF, the system operates in AF while the button remains hold.

Imager Scan Mode

Summary

Get/Set the imager scan mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD05F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Full Frame
0x03	S35

Subject Recognition AF

Summary

Get/Set subject recognition AF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD060
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	Only AF
0x03	Priority AF

AF Transition Speed

Summary

Get/Set AF transition speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD061
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may change depending on the model.

AF Subj Shift Sens

Summary

Get/Set AF subj. shift sens.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD062
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.

Recording Resolution For RAW (Movie)

Summary

Get/Set the recording resolution for RAW.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD063
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	Recording resolution(Width , Height)
～0xFFFFFFFF	

Note

The “Width” is set in the upper two bytes and the “Height” is set in the lower two bytes
If the resolution (Width) is 4096 and (Height) is 2160, set 0x10000870. 0x1000 = 0d4096, 0x0870 = 0d2160

Touch Function in MF

Summary

Get/Set touch function in MF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD064
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Tracking AF
0x02	Spot Focus

Paint/Look Master Black

Summary

Get/Set the paint/look master black level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD065
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value of the Master Black Level.

Paint/Look R Black

Summary

Get/Set the paint/look R black level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD066
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value of the R Black Level.

Paint/Look B Black

Summary

Get/Set the paint/look B black level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD067
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value of the B Black Level.

Paint/Look Knee Setting

Summary

Get/Set the paint/look knee setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD068
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Paint/Look Auto Knee

Summary

Get/Set the paint/look auto knee setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD069
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Paint/Look Knee Point

Summary

Get/Set the paint/look knee point.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD06A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
The range value may changes depending on the model.

Paint/Look Knee Slope

Summary
Get/Set the paint/look knee slope.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD06B
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
The range value may changes depending on the model.

Paint/Look Detail Setting

Summary
Get/Set the paint/look detail setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD06C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Paint/Look Detail Level

Summary

Get/Set the paint/look detail level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD06D
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.

ND Filter Switching Setting

Summary

Get/Set the ND filter switching setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD073
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	PRESET
0x02	VARIABLE
0x03	STEP

ND Filter Preset Select

Summary

Get/Set the ND filter preset select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD074
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Preset 1
0x02	Preset 2
0x03	Preset 3

ND Filter Preset 1 Value

Summary

Get/Set the ND filter preset 1 value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD075
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of ND Filter (Upper four bytes: numerator, Lower four bytes: denominator)

ND Filter Preset 2 Value

Summary

Get/Set the ND filter preset 2 value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD076
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of ND Filter (Upper four bytes: numerator, Lower four bytes: denominator)

ND Filter Preset 3 Value

Summary

Get/Set the ND filter preset 3 value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD077

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of ND Filter (Upper four bytes: numerator, Lower four bytes: denominator)

Monitoring Output Display SDI

Summary

Get/Set the monitoring output display SDI.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD078
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Monitoring Output Display HDMI

Summary

Get/Set the monitoring output display HDMI.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD079
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Camera System Error Info

Summary

Get the camera system error info.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD07A
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	

Lens Model Name

Summary

Get the lens model name.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD07B
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Lens Model Name

Lens Serial Number

Summary

Get the lens serial number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD07C
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Lens Serial Number

Lens Version Number

Summary

Get the lens version number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD07D

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Lens Version Number

Note

A major version number can be obtained if the lens version is available.
This gets `--` if the lens version is not available.
For example, this gets `01` for the major number 1.

Simul Rec Setting (Movie Rec Button)

Summary

Get/Set the movie recording button selected media slot for simul recording.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD07F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Rec Button1[SlotA　SlotB]、Rec Button2[SlotA　SlotB]
0x02	Rec Button1[SlotA]、Rec Button2[SlotB]
0x03	Rec Button1[SlotB]、Rec Button2[SlotA]

Displayed Menu Status

Summary
Get the displayed menu status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD080
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	StatusMenu
0x03	FullMenu

White Balance Switch

Summary
Get/Set the selected current white balance mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD085
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Preset Mode
0x02	Memory A Mode
0x03	Memory B Mode

White Balance Preset Color Temperature

Summary

Get/Set the preset color temperature.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD086
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

White Balance R Gain

Summary

Get/Set the white balance R gain.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD087
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32768	min
32767	max
1	step

Note
10 times the real value of the White Balance R Gain

White Balance B Gain

Summary
Get/Set the white balance B gain.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD088
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32768	min
32767	max
1	step

Note
10 times the real value of the White Balance B Gain

White Balance Offset Color Temp ATW

Summary
Get/Set the offset color temp for ATW mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD089
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-128	min
127	max
1	step

White Balance Offset Tint ATW

Summary

Get/Set the offset tint for ATW mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD08A
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-128	min
127	max
1	step

BaseLookImport Operation Enable Status

Summary

Get the BaseLook import operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD08B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Language Setting

Summary

Get/Set the language setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD08F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid
0x01	English
0x02	Japanese
0x03	Simplified Chinese
0x04	Traditional Chinese
0x05	Korean
0x06	Spanish
0x07	Russian
0x08	Brazilian Portuguese
0x09	Portuguese
0x0A	Indonesian
0x0B	French
0x0C	German
0x0D	Italian
0x0E	Dutch

Value	Description
0x0F	Greek
0x10	Arabic
0x11	Persian
0x12	Thai
0x13	Turkish
0x14	Polish
0x15	Czech
0x16	Hungarian
0x17	Malay
0x18	Hindi

Auto Focus Hold

Summary

Get/Set the auto focus hold.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD091
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Image ID (Numerical Value) Setting

Summary

Get/Set the image ID (numerical value) setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD092

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note

Refer to Linking GPS Information with Shooting Images in Tips for how to use it.

Exposure Ctrl Type

Summary

Get/Set the exposure control type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD099
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	P/A/S/M Mode
0x02	Flexible Exp. Mode

FTPSettingList Operation Enable Status

Summary

Get the FTPSettingList operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD09A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Playback Contents Recording Date/Time

Summary

Get the playback contents recording date/time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD09C
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
"YYYYMMDDThhmmss.sss"	

Note

Indicate by the character string in the date and time form provided by ISO8601.
The value sets the local time.

Playback Contents Name

Summary
Get the playback contents name.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD09D
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Contents Name

Playback Contents Number

Summary
Get the playback contents number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD09E
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note
Unit is the clip number.
This value is expressed in hexadecimal.

Playback Contents Total Number

Summary
Get the playback contents total number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD09F
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
1	step

Note
Unit is the total number of clips.
This value is expressed in hexadecimal.

Playback Contents Recording Resolution

Summary
Get the playback contents recording resolution.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0A0
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000~〜0xFFFFFFFF	Recording resolution(Width , Height)

Note

The “Width” is set in the upper two bytes and the “Height” is set in the lower two bytes if resolution (Width) is 1920, (Height) is 1080, set 0x07800438. 0x0780 = 0d1920, 0x0438 = 0d1080

Playback Contents Recording Frame Rate

Summary

Get the playback contents recording frame rate.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0A1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	120p (*1)
0x02	100p
0x03	60p (*2)
0x04	50p
0x05	30p (*3)
0x06	25p
0x07	24p (*4)
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x0B	19.98p
0x0C	14.99p
0x0D	12.50p

Value	Description
0x0E	12.00p
0x0F	11.99p
0x10	10.00p
0x11	9.99p
0x12	6.00p
0x13	5.99p
0x14	5.00p
0x15	4.995p
0x16	24.00p
0x17	119.88p
0x41	120i (*1)
0x42	100i
0x43	60i (*2)
0x44	50i
0x45	30i (*3)
0x46	25i
0x47	24i (*4)
0x48	23.98i
0x49	29.97i
0x4A	59.94i
0x4B	19.98i
0x4C	14.99i
0x4D	12.50i
0x4E	12.00i
0x4F	11.99i
0x50	10.00i
0x51	9.99i
0x52	6.00i
0x53	5.99i
0x54	5.00i
0x55	4.995i
0x56	24.00i
0x57	119.88i

Note

Means field frequency.
*1 Actual field frequency might be 119.88 for some cameras.
*2 Actual field frequency might be 59.94 for some cameras.

*3 Actual field frequency might be 29.97 for some cameras.
*4 Actual field frequency might be 23.98 for some cameras.

Playback Contents Recording File Format

Summary

Get the playback contents recording file format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0A2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DVD
0x02	M2PS
0x03	AVCHD
0x04	MP4
0x05	DV
0x06	XAVC
0x07	MXF
0x08	XAVC S 4K
0x09	XAVC S HD
0x0A	XAVC HS 8K
0x0B	XAVC HS 4K
0x0C	XAVC S-L 4K
0x0D	XAVC S-L HD
0x0E	XAVC S-I 4K
0x0F	XAVC S-I HD
0x10	XAVC I
0x11	XAVC L
0x12	XAVC Proxy
0x13	XAVC HS HD
0x14	XAVC S-I DCI 4K

Value	Description
0x15	XAVC H-I HQ
0x16	XAVC H-I SQ
0x17	XAVC H-L
0x18	X-OCN XT
0x19	X-OCN ST
0x1A	X-OCN LT
0x1B	XAVC HS-L 422
0x1C	XAVC HS-L 420
0x1D	XAVC S-L 422
0x1E	XAVC S-L 420
0x1F	XAVC S-I 422
0x20	MPEG HD 422

Playback Contents Gamma Type

Summary

Get the playback contents gamma type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0A4
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	S-Gamut3 / S-Log3
0x0002	S-Gamut3.Cine / S-Log3
0x0003	BT2020 / HLG
0x0004	BT2020 / S-Log3
0xFFFF	Other

White Balance Offset Setting

Summary

Get/Set the white balance offset setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0A9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

White Balance Offset Color Temp

Summary

Get/Set the white balance offset color temp.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0AA
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-99	min
99	max
1	step

Focus Bracket Shooting Status

Summary

Get the focus bracket shooting status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0AB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Not Shooting
0x01	Shooting

Note

“Shooting” (0x01) is set for this device property during the focus bracket shooting period.
“Not Shooting” (0x00) is set for this device property except during the focus bracket shooting period.

Video Stream Select

Summary

Get/Set the video stream select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0AC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Video Stream 1

Value	Description
0x02	Video Stream 2
0x03	Video Stream 3
0x04	Video Stream 4
0x05	Video Stream 5
0x06	Video Stream 6
0x07	Video Stream 7
0x08	Video Stream 8
0x09	Video Stream 9
0x0A	Video Stream 10
0x0B	Video Stream 11
0x0C	Video Stream 12
0x0D	Video Stream 13
0x0E	Video Stream 14
0x0F	Video Stream 15
0x10	Video Stream 16

Note

Changing the value of this command will modify the value set in the DeviceProperty shown below.
Video Stream Codec
Video Stream Resolution
Video Stream Bit Rate Compression Mode
Video Stream Bit Rate VBR Mode
Video Stream Max Bit Rate
Stream Latency
Stream TTL
Stream Cipher Type
Stream Mode Setting
Stream Status
Stream Display Name

Video Stream Codec

Summary

Get/Set the video stream codec.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0AD
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	OFF
0x0002	Motion Jpeg
0x0003	H.264
0x0004	H.265

Video Stream Resolution

Summary

Get/Set the video stream resolution.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0AE
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	Recording resolution(Width , Height)
～0xFFFFFFFF	

Note

The "Width" is set in the upper two bytes and the "Height" is set in the lower two bytes
if resolution (Width) is 1920, (Height) is 1080, set 0x07800438. 0x0780 = 0d1920, 0x0438 = 0d1080

Video Stream Bit Rate Compression Mode

Summary

Get/Set the video stream bit rate compression mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0B5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Constant Bit Rate (CBR)
0x02	Variable Bit Rate (VBR)

Camera Operating Mode

Summary

Get the camera operating mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0BC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Record
0x02	Playback

Playback View Mode

Summary

Get the playback view mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0BD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Playback
0x02	Index

Note

When Camera Operating Mode is not set to Playback, the IsEnable Field is disabled.

Firmware Update Command Version

Summary

Get the enabled status and command dataset version (firmware update).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0BF
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Dataset Version

Note

ex) The Dataset Version is 0x00000064. (0d100)
When the Firmware Upata feature is invalid, the IsEnable field is disabled.
Related Commands: SDIO_ControlUploadData(0x921B) with ControlType(FirmwareUpdate), SDIO_UploadPartialData(0x9229) with Data Type(FirmwareUpdate)

Firmware Update Status

Summary
Get the firmware update status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid
0x01	Off
0x02	Accepting data upload

Maximum number of bytes

Summary
Get the maximum number of bytes for data payload on dat packet.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C1
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Include size of PTP packet data payload.

BaseLook Name of Playback

Summary
Get the BaseLook name of playback.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C3
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	BaseLook Name (Max Length: 255)

BaseLook Applied of Playback

Summary
Get the BaseLook applied of playback.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Applicable
0x02	Not applicable

Type-C Accessory Mode

Summary
Get/Set the Type-C accessory mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Pixel Mapping Enable Status

Summary
Get the pixel mapping enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Delete UserBaseLook

Summary
Set/Get to Delete UserBaseLook

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C7
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	invalid
0xFFFF	All
Other than above values	The value of UserBaseLookNumber

Note
It may increase or decrease because it varies depending on the model and setting status.
See the SDIO_GetDisplayStringList for display character.

Select UserBaseLook to Edit

Summary
Set/Get to Select UserBaseLook to Edit

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C8
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	invalid
Other than above values	The value of UserBaseLookNumber

Note

It may increase or decrease because it varies depending on the model and setting status.
See the SDIO_GetDisplayStringList for display character.

UserBaseLook Input

Summary

Get/Set the UserBaseLook input.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0C9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S-Gamut3/SLog3
0x02	S-Gamut3.Cine/SLog3

Note

Set “UserBaseLook Input” for UserBaseLook selected in “Select UserBaseLook to Edit.”

UserBaseLook AE Level Offset

Summary

Get/Set the UserBaseLook AE level offset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CA
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	AE Level Offset Value(EV)

Note

Set “UserBaseLook AE Level Offset” for UserBaseLook selected in “Select UserBaseLook to Edit.”
e.g.) 0x0203 means 2/3EV

Base ISO Switch EI

Summary

Get/Set the base ISO switch EI.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CB
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Exposure Index to Switch BaseISO

Note

e.g.) If setting with “1600EI”, set 0x0640

Select BaseLook to Set in PPLUT

Summary

Get/Set to select BaseLook to set in PPLUT.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CC
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	invalid
Other than above values	The value of UserBaseLookNumber

Note

It may increase or decrease because it varies depending on the model and setting status.
Set “Select BaseLook to Set in PPLUT” for PictureProfileLUT in “Picture Profile.”

Eframing Scale (Auto)

Summary

Get/Set the eframing scale (auto).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Low
0x02	Mid
0x03	High

Eframing Speed (Auto)

Summary
Get/Set the eframing speed (auto).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Camera Eframing

Summary
Get/Set the camera eframing.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0CF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

S&Q Rec Frame Rate

Summary

Get/Set the S&Q recording frame rate.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	120p (*1)
0x02	100p
0x03	60p (*2)
0x04	50p
0x05	30p (*3)
0x06	25p
0x07	24p (*4)
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x0B	19.98p
0x0C	14.99p
0x0D	12.50p
0x0E	12.00p
0x0F	11.99p
0x10	10.00p
0x11	9.99p
0x12	6.00p
0x13	5.99p
0x14	5.00p
0x15	4.995p
0x16	24.00p
0x17	119.88p

Value	Description
0x41	120i (*1)
0x42	100i
0x43	60i (*2)
0x44	50i
0x45	30i (*3)
0x46	25i
0x47	24i (*4)
0x48	23.98i
0x49	29.97i
0x4A	59.94i
0x4B	19.98i
0x4C	14.99i
0x4D	12.50i
0x4E	12.00i
0x4F	11.99i
0x50	10.00i
0x51	9.99i
0x52	6.00i
0x53	5.99i
0x54	5.00i
0x55	4.995i
0x56	24.00i
0x57	119.88i

Note

Means field frequency.
*1 The actual field frequency may be 119.88 for some cameras.
*2 The actual field frequency may be 59.94 for some cameras.
*3 The actual field frequency may be 29.97 for some cameras.
*4 The actual field frequency may be 23.98 for some cameras.

S&Q Record Setting

Summary

Get/Set the S&Q recording setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D1
Datatype	2	2	UINT16	0x0004(UINT16)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
0x0026	600M 422 10bit
0x0027	500M 422 10bit
0x0028	400M 420 10bit
0x0029	300M 422 10bit
0x002A	280M 422 10bit
0x002B	250M 422 10bit
0x002C	240M 422 10bit
0x002D	222M 422 10bit
0x002E	200M 422 10bit
0x002F	200M 420 10bit
0x0030	200M 420 8bit
0x0031	185M 422 10bit
0x0032	150M 420 10bit
0x0033	150M 420 8bit
0x0034	140M 422 10bit
0x0035	111M 422 10bit
0x0036	100M 422 10bit
0x0037	100M 420 10bit
0x0038	100M 420 8bit
0x0039	93M 422 10bit
0x003A	89M 422 10bit
0x003B	75M 420 10bit
0x003C	60M 420 8bit
0x003D	50M 422 10bit
0x003E	50M 420 10bit
0x003F	50M 420 8bit
0x0040	45M 420 10bit
0x0041	30M 420 10bit
0x0042	25M 420 8bit

Value	Description
0x0043	16M 420 8bit
0x0044	520M 422 10bit
0x0045	260M 422 10bit

Audio Recording

Summary
Get/Set the audio recording.

Description
Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value
Value	Description
0x00	OFF
0x01	ON

Time Code Preset

Summary
Get/Set the time code preset.

Description
Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D3
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

Bit 24-31: Hour (0-23)
Bit 16-23: Minute (0-59)
Bit 8-15: Second (0-59)
Bit 0-7: Millisecond (0-29)

User Bit Preset

Summary

Get/Set the user bit preset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D4
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

Saved to file in LSB First order.

Time Code Format

Summary

Get/Set the time code format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DF
0x02	NDF

Time Code Run

Summary

Get/Set the time code run.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Rec Run
0x02	Free Run

Time Code Make

Summary

Get/Set the time code make.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Preset
0x02	Regenerate

User Bit Time Rec

Summary

Get/Set the user bit time recording.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Image Stabilization Steady Shot

Summary

Get/Set the image stabilization steady shot.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0D9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Image Stabilization Steady Shot (Movie)

Summary

Get/Set the image stabilization steady shot (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Standard
0x03	Active
0x04	Hybrid

Silent Mode

Summary
Get/Set the silent mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Silent Mode Aperture Drive in AF

Summary
Get/Set the silent mode aperture drive in AF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Target
0x02	Standard
0x03	Silent Priority

Silent Mode Shutter When Power OFF

Summary
Get/Set the silent mode shutter when power off.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Target
0x02	OFF

Silent Mode Auto Pixel Mapping

Summary
Get/Set the silent mode auto pixel mapping.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Target
0x02	OFF

Shutter Type

Summary
Get/Set the shutter type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0DF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Mechanical Shutter
0x03	Electronic Shutter

Picture Profile BlackLevel

Summary
Get/Set the picture profile BlackLevel.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E0
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set Black Level for the Picture Profile selected in “Picture Profile.”

Picture Profile Gamma

Summary
Get/Set the picture profile gamma.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E1
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Movie
0x0002	Still
0x0003	S-Cinetone
0x0101	Cine1
0x0102	Cine2
0x0103	Cine3
0x0104	Cine4
0x0201	ITU709
0x0202	ITU709(800%)
0x0302	S-Log2
0x0303	S-Log3
0x0401	HLG
0x0402	HLG1
0x0403	HLG2
0x0404	HLG3

Note
Set Gamma for the Picture Profile selected in “Picture Profile.”

Picture Profile BlackGamma Range

Summary

Get/Set the picture profile BlackGamma range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Wide
0x02	Middle
0x03	Narrow

Note

Set BlackGamma Range for the Picture Profile selected in “Picture Profile.”

Picture Profile BlackGamma Level

Summary

Get/Set the picture profile BlackGamma level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E3
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set BlackGamma Level for the Picture Profile selected in “Picture Profile.”

Picture Profile Knee Mode

Summary

Get/Set the picture profile knee mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Note

Set BlackGamma Range for the Picture Profile selected in “Picture Profile.”

Picture Profile Knee AutoSet MaxPoint

Summary

Get/Set the picture profile knee AutoSet MaxPoint.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E5
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	invalid
Other than above values	100 times the value of MaxPoint(%) ex) 0x2616 = 97.50%

Note

It may increase or decrease because it varies depending on the model and setting status.
Set Knee AutoSet MaxPoint for the Picture Profile selected in “Picture Profile.”

Picture Profile Knee AutoSet Sensitivity

Summary

Get/Set the picture profile knee AutoSet sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Low
0x02	Mid
0x03	High

Note

Set Knee AutoSet Sensitivity for the Picture Profile selected in “Picture Profile.”

Picture Profile Knee ManualSet Point

Summary

Get/Set the picture profile knee ManualSet point.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E7
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	invalid
Other than above values	100 times the value of MaxPoint(%) ex) 0x2616 = 97.50%

Note

It may increase or decrease because it varies depending on the model and setting status.
Set Knee ManualSet Point for the Picture Profile selected in “Picture Profile.”

Picture Profile Knee ManualSet Slope

Summary

Get/Set the picture profile knee ManualSet slope.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E8
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set Knee ManualSet Slope for the Picture Profile selected in “Picture Profile.”

Picture Profile Color Mode

Summary

Get/Set the picture profile color mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0E9
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Movie
0x0002	Still
0x0003	S-Cinetone
0x0004	Cinema
0x0005	Pro
0x0006	ITU709 Matrix
0x0007	Black&White
0x0008	S-Gamut3.Cine
0x0009	S-Gamut3
0x000A	BT.2020
0x000B	709
0x000C	S-Gamut
0x000D	709tone

Note
Set Color Mode for the Picture Profile selected in “Picture Profile.”

Picture Profile Saturation

Summary
Get/Set the picture profile saturation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0EA
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set saturation for the picture profile selected in “Picture Profile.”

Picture Profile ColorPhase

Summary
Get/Set the picture profile ColorPhase.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0EB
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set ColorPhase for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Red

Summary

Get/Set the picture profile color depth red.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0EC
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth red for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Green

Summary

Get/Set the picture profile color depth green.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0ED
Datatype	2	2	UINT16	0x0001(INT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth green for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Blue

Summary

Get/Set the picture profile color depth blue.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0EE
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth blue for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Cyan

Summary

Get/Set the picture profile color depth cyan.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0EF
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth cyan for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Magenta

Summary

Get/Set the picture profile color depth magenta.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F0
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth magenta for the picture profile selected in “Picture Profile.”

Picture Profile Color Depth Yellow

Summary

Get/Set the picture profile color depth yellow.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F1
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set color depth yellow for the picture profile selected in “Picture Profile.”

Picture Profile Detail Level

Summary

Get/Set the picture profile detail level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F2
Datatype	2	2	UINT16	0x0001(INT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set detail level for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust Mode

Summary

Get/Set the picture profile detail adjust mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Note

Set detail adjust mode for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust V/H Balance

Summary

Get/Set the picture profile detail adjust V/H balance.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F4
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set detail adjust V/H balance for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust B/W Balance

Summary

Get/Set the picture profile detail adjust B/W balance.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Type1
0x02	Type2
0x03	Type3
0x04	Type4
0x05	Type5

Note

It may increase or decrease because it varies depending on the model and setting status.
Set detail adjust B/W balance for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust Limit

Summary

Get/Set the picture profile detail adjust limit.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F6
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set detail adjust limit for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust Crispening

Summary

Get/Set the picture profile detail adjust crispening.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F7
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set detail adjust crispening for the picture profile selected in “Picture Profile.”

Picture Profile Detail Adjust Highlight Detail

Summary

Get/Set the picture profile detail adjust highlight detail.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F8
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set detail adjust hi-light detail for the picture profile selected in “Picture Profile.”

Copy Picture Profile

Summary
Get/Set the copy picture profile.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0F9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Picture Profile number 1
0x02	Picture Profile number 2
0x03	Picture Profile number 3
0x04	Picture Profile number 4
0x05	Picture Profile number 5
0x06	Picture Profile number 6
0x07	Picture Profile number 7
0x08	Picture Profile number 8
0x09	Picture Profile number 9
0x0A	Picture Profile number 10
0x0B	Picture Profile number 11

Note
It may increase or decrease because it varies depending on the model and setting status.
Select the copy destination picture profile number for the picture profile selected in “Picture Profile.”

Creative Look

Summary
Get/Set the creative look.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FA
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	ST(Standard)
0x0002	PT(Portrait)
0x0003	NT(Neutral)
0x0004	VV(Vivid)
0x0005	VV2(Vivid2)
0x0006	FL(Film)
0x0007	IN(Instant)
0x0008	SH(Soft Highkey)
0x0009	BW(Black&White)
0x000A	SE(Sepia)
0x000B	FL2(Film2)
0x000C	FL3(Film3)
0x0101	Custom Look 1
0x0102	Custom Look 2
0x0103	Custom Look 3
0x0104	Custom Look 4
0x0105	Custom Look 5
0x0106	Custom Look 6

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the image style with SDIO_GetDisplayStringList.

Creative Look Contrast

Summary

Get/Set the creative look contrast.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FB
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set contrast for the creative look or custom look selected in “Creative Look.”

Creative Look Highlights

Summary

Get/Set the creative look highlights.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FC
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set highlights for the creative look or custom look selected in “Creative Look.”

Creative Look Shadows

Summary
Get/Set the creative look shadows.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FD
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set shadows for the creative look or custom look selected in “Creative Look.”

Creative Look Fade

Summary
Get/Set the creative look fade.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FE
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set fade for the creative look or custom look selected in “Creative Look.”

Creative Look Saturation

Summary

Get/Set the creative look saturation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD0FF
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set saturation for the creative look or custom look selected in “Creative Look.”

Creative Look Sharpness

Summary

Get/Set the creative look sharpness.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD100
Datatype	2	2	UINT16	0x0001(INT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set sharpness for the creative look or custom look selected in “Creative Look.”

Creative Look Sharpness Range

Summary

Get/Set the creative look sharpness range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD101
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Set sharpness range for the creative look or custom look selected in “Creative Look.”

Creative Look Clarity

Summary
Get/Set the creative look clarity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD102
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Set clarity for the creative look or custom look selected in “Creative Look.”

Custom Look Image Style

Summary
Get/Set the custom look image style.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD103
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	ST(Standard)
0x0002	PT(Portrait)
0x0003	NT(Neutral)
0x0004	VV(Vivid)
0x0005	VV2(Vivid2)
0x0006	FL(Film)
0x0007	IN(Instant)
0x0008	SH(Soft Highkey)
0x0009	BW(Black&White)
0x000A	SE(Sepia)
0x000B	FL2(Film2)
0x000C	FL3(Film3)

Note

Set image style for custom look selected in “Creative Look.”

Time Code Preset Reset Enable Status

Summary

Get the time code preset reset enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD104
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

User Bit Preset Reset Enable Status

Summary
Get the user bit preset reset enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD105
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Sensor Cleaning Enable Status

Summary
Get the sensor cleaning enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD106
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Reset Picture Profile Enable Status

Summary

Get the reset picture profile enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD107
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Reset Creative Look Enable Status

Summary

Get the reset creative look enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD108
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Proxy Record Setting

Summary
Get/Set the proxy record setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD109
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
0x0001	16M 420 10bit
0x0002	9M 420 10bit
0x0003	6M 420 8bit
0x0004	9M 420 8bit

Video Stream Adaptive Rate Control

Summary
Get/Set the video stream adaptive rate control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD10E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF

Value	Description
0x02	ON

Note
Adaptive Rate Control (Sony's proprietary Bit Rate control) on/off.

Video Stream Resolution Method

Summary
Get/Set the streaming resolution method.

Description
Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD10F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value
Value	Description
0x01	Manual mode
0x02	Easy mode

Note
Switching the video resolution/frame rate/bit rate setting method.

Stream Cipher Type

Summary
Get/Set the streaming cipher type.

Description
Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD113
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	None
0x02	AES_128
0x03	AES_192
0x04	AES_256

Note

`0x01` None: means no encryption.

Stream Latency

Summary

Get/Set the streaming latency setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD116
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Stream TTL

Summary

Get/Set the streaming TTL setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD117
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Stream Mode Setting

Summary

Get/Set the streaming mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD118
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Undefined
0x02	Caller
0x03	Listener
0x04	Rendezvous

Stream Status

Summary

Get the streaming status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD119
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Inactive
0x02	Idle
0x03	Streaming
0x04	Error

Note

`0x01` Inactive: Streaming functionality is turned off or not available.
`0x02` Idle: Not connected to a streaming server or client.
`0x03` Streaming: Streaming video to a streaming server or client.
`0x04` Error: Streaming error occurred.

Video Stream Movie Rec Permission

Summary

Get/Set the streaming movie recording permission.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Permitted
0x02	Permitted

Note

Get whether the Responder can allow simultaneous recording with the main unit with the current video settings (e.g. resolution/frame rate/bit rate, etc.) and set whether to allow or not.

Audio Stream Codec Type

Summary

Get/Set the streaming code type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x20	AAC-LC

Audio Stream Sampling Frequency

Summary

Get/Set the streaming sampling frequency.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x12CA	48.1KHz

Audio Stream Bit Depth

Summary

Get/Set the streaming audio bit depth.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	16bit
0x02	24bit
0x03	32bit

Audio Stream Channel

Summary

Get/Set the streaming audio channel.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	1ch
0x02	2ch
0x04	4ch

Interval REC (Movie) Count Down Interval Time

Summary

Get the interval recording (movie) count down interval time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD11F
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0	min
0xFFFFFFFF	max
1	step

Note

The real value of the count down interval time.
e.g.) 0x00000001 = 1 sec
e.g.) 0x0000003C = 1 min

Recording Duration

Summary

Get the recording duration.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD120
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0	min
0xFFFFFFFF	max
1	step

Eframing Type

Summary

Get the eframing type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD122
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	None
0x02	Auto
0x03	Single
0x04	Reserved
0x05	PTZ
0x06	Reserved
0x07	Reserved

Value	Description
0x08	Hold Current Position
0x09	Force Zoom Out

Eframing Command Version

Summary

Get the enabled status and eframing command binary version.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD123
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	EFraming Command Binary Version

Note

ex) The Dataset Version is 0x00000064. (0d100)
When SDIO_ExecuteEFraming can not be executed, IsEnable field is disabled.

Eframing Mode (Auto)

Summary

Get/Set the eframing mode (auto).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD124
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Touch Kick
0x03	Time Sequence A
0x04	Time Sequence B

Eframing Speed (PTZ)

Summary

Get/Set the eframing speed (PTZ).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD127
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Second Battery Remaining

Summary

Get the second battery remaining (%).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD12D
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0xFF(untaken)	min
0x64(100%)	max
0x01	step

Second Battery Level Indicator

Summary

Get the second battery level indicator.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD12E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Fake Battery
0x02	Unusable
0x03	Pre-End Battery
0x04	Battery Level 1/4
0x05	Battery Level 2/4
0x06	Battery Level 3/4
0x07	Battery Level 4/4
0x08	Battery Level 1/3
0x09	Battery Level 2/3
0x0A	Battery Level 3/3
0x0B	Pre-End Battery with USB Bus Power Supply
0x0C	Battery Level 1/4 with USB Bus Power Supply
0x0D	Battery Level 2/4 with USB Bus Power Supply

Value	Description
0x0E	Battery Level 3/4 with USB Bus Power Supply
0x0F	Battery Level 4/4 with USB Bus Power Supply
0x10	USB Bus Power Supply
0xFF	Battery Not Installed

ContShootSpotBoostSpeed

Summary

Get/Set SpotBoostFrameSpeed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD12F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	e.g.) 0x0078=120(fps)

ContShootSpotBoost Status

Summary

Get SpotBoostStatus.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD130
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not SpotBoosting
0x02	SpotBoosting

ContShootSpotBoost Enable Status

Summary

Get SpotBoostStatus.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD131
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Disable
0x02	Enable

Select IPTC Metadata

Summary

Get/Set to select IPTC metadata.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD132
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
Other than above values	Index The value of IPTCMetaData

Note

This parameter may increase or decrease because it varies depending on the model and setting status. Refer to the SDIO_GetDisplayStringList for display character.

Flicker Less Shooting

Summary

Get/Set the flicker less shooting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD133
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Flicker Less Shooting Status

Summary

Get the flicker less shooting status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD134
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	NotDetected
0x01	Detected

Note

“NotDetected(0x00)” means that Idle(Detector is not active) and NotDetected(Detector is active but flicker is not detected)

Custom WB Size Setting

Summary

Get/Set the custom WB size setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD135
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT8	0x00
CurrentValue	6	4	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S
0x02	M
0x03	L

AF Free Size and Position Setting

Summary

Get/Set the AF free size and position setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD138

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x0000000000000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000000000000000~0xFFFFFFFFFFFFFFFF	Height and width size [Upper 4bytes], center coordinates [Lower 4bytes]

Note

The AF Free Size and Position Setting (height, width) [Upper 4 bytes]: the height is set in the upper two bytes, and the width is set in the lower two bytes.
The AF Free Size and Position Setting (x, y) [Lower 4bytes]: the x coordinate is set in the upper two bytes, and the y coordinate is set in the lower two bytes.
e.g., AF Free Size (height) is 50, (width) is 50, (x) is 150, (y) is 100, set 0x0032003200960064.
Separated min/max/step values for each “height,” “width,” “x,” “y” for AF Free Size and Position range. Set the range value for each.
For the set of Free Size 1, Free Size 2, and Free Size 3, refer to Focus Area. When each Free Size Setting is selected, the selected Free Size Setting can be changed.

Paint/Look User Matrix Setting

Summary

Get/Set the paint/look user matrix setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD139
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Paint/Look User Matrix Level

Summary

Get/Set the paint/look user matrix level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13A
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix Phase

Summary

Get/Set the paint/look user matrix phase.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13B
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix R-G

Summary

Get/Set the paint/look user matrix R-G.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13C
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix R-B

Summary

Get/Set the paint/look user matrix R-B.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13D
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix G-R

Summary

Get/Set the paint/look user matrix G-R.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13E
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix G-B

Summary
Get/Set the paint/look user matrix G-B.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD13F
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix B-R

Summary
Get/Set the paint/look user matrix B-R.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD140
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look User Matrix B-G

Summary

Get/Set the paint/look user matrix B-G.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD141
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look Multi Matrix Setting

Summary

Get/Set the paint/look multi matrix setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD142
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Paint/Look Multi Matrix Axis

Summary

Get/Set the paint/look multi matrix axis.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD143
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0100	B
0x0101	B+
0x0180	B-
0x0200	MG
0x0201	MG+
0x0280	MG-
0x0300	R
0x0301	R+

Value	Description
0x0400	YL
0x0401	YL+
0x0480	YL-
0x0500	G
0x0501	G+
0x0580	G-
0x0600	CY
0x0601	CY+

Paint/Look Multi Matrix Hue

Summary

Get/Set the paint/look multi matrix hue.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD144
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

Paint/Look Multi Matrix Saturation

Summary

Get/Set the paint/look multi matrix saturation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD145
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The range value may changes depending on the model.
10 times the real value.

CompRAW Shooting NR

Summary

Get/Set the CompRAW shooting NR.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD148
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

CompRAW Shooting NR RAW File Type

Summary

Get/Set the CompRAW shooting NR RAW file type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD149
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Compression
0x02	LossLessL
0x03	LossLessM
0x04	LossLessS
0x05	Uncompression
0x06	LossLess
0x07	Compressed(HQ)

FTP Transfer Still Quality Size

Summary

Get/Set the FTP transfer still quality size.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Small
0x02	Large

FTP Transfer Target (Proxy)

Summary

Get/Set the FTP transfer target (proxy).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Proxy Only
0x02	Original Only
0x03	Proxy & Original

FTP Power Save

Summary

Get/Set the FTP power save.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

ISO Auto Min Shutter Speed Mode

Summary

Get/Set the ISO auto min shutter speed mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Preset
0x02	Manual

ND Filter Unit Setting

Summary

Get/Set the ND filter unit setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Optical Density
0x02	Transmittance

Note

See “ND Filter Value(0xD01B)” when selecting the value of Transmittance.
See “ND Filter Optical Density Value(0xD14F)” when selecting the value of Optical Density.

ND Filter Optical Density Value

Summary

Get/Set the ND filter optical density value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD14F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFF	nothing to display
Other than above values	100 times the real value of ND Filter Value e.g.) 0x00D2 = 210/100 = 2.1

Note

This value is expressed in optical density.

USB Power Supply

Summary

Get/Set the USB power supply.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD150
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On
0x03	Auto
0x04	Port1
0x05	Port2

Interval REC (Movie) Frame Rate

Summary

Get/Set the interval recording (movie) frame rate.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD151
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x02	100p
0x04	50p
0x06	25p
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x16	24.00p
0x17	119.88p

Interval REC (Movie) Record Setting

Summary

Get/Set the interval recording (movie) record setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD152
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
0x0026	600M 422 10bit
0x0027	500M 422 10bit
0x0028	400M 420 10bit
0x0029	300M 422 10bit
0x002A	280M 422 10bit
0x002B	250M 422 10bit
0x002C	240M 422 10bit
0x002D	222M 422 10bit
0x002E	200M 422 10bit
0x002F	200M 420 10bit
0x0030	200M 420 8bit
0x0031	185M 422 10bit
0x0032	150M 420 10bit
0x0033	150M 420 8bit
0x0034	140M 422 10bit
0x0035	111M 422 10bit
0x0036	100M 422 10bit
0x0037	100M 420 10bit
0x0038	100M 420 8bit
0x0039	93M 422 10bit
0x003A	89M 422 10bit
0x003B	75M 420 10bit

Value	Description
0x003C	60M 420 8bit
0x003D	50M 422 10bit
0x003E	50M 420 10bit
0x003F	50M 420 8bit
0x0040	45M 420 10bit
0x0041	30M 420 10bit
0x0042	25M 420 8bit
0x0043	16M 420 8bit
0x0044	520M 422 10bit
0x0045	260M 422 10bit

Eframing Recording Image Crop

Summary
Get/Set the fixed camera recording image crop.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD153
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Eframing HDMI Crop

Summary
Get/Set the fixed camera HDMI crop.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD154

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Synchroterminal Forced Output

Summary

Get/Set the synchroterminal forced output.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD155
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Shutter Release Time Lag Control

Summary

Get/Set the shutter release time lag control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD156

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On:Stability
0x03	On:Fastest

Subject Recognition in AF

Summary

Get/Set the subject recognition in AF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD157
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Recognition Target

Summary

Get/Set the recognition target.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD158
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Person
0x0002	Animal + Bird
0x0003	Animal
0x0004	Bird
0x0005	Insect
0x0006	Car/Train
0x0007	Plane
0xFFFF	Auto

Right/Left Eye Select

Summary

Get/Set the right/left eye select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD159
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Right Eye

Value	Description
0x03	Left Eye

CompRAW Shooting NR Number of Sheets

Summary

Get/Set the CompRAW shooting NR number of sheets.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than the above values	The real value of CompRAW Shooting NR Number of Sheets e.g.) 0x0004 = 4 sheets e.g.) 0x0008 = 8 sheets e.g.) 0x0010 = 16 sheets

Long Exposure NR

Summary

Get/Set the long exposure NR.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

High ISO NR

Summary

Get/Set the high ISO NR.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Low
0x03	Normal
0x04	High

HLG Still Image

Summary

Get/Set the HLG still image.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Color Space (Still Image)

Summary

Get/Set the color space (still image).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	sRGB
0x02	AdobeRGB

Recording Media (Still Image)

Summary

Get/Set the recording media (still image).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD15F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Slot1
0x0002	Slot2
0x0101	Simultaneous recording
0x0102	Sort Recording

Recording Media (Movie)

Summary

Get/Set the recording media (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD160
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Slot 1
0x0002	Slot 2
0x0101	Simultaneous recording

Auto Switch Media

Summary

Get/Set the auto switch media.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD161
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Continuous Shooting Speed in Electric Shutter(Hi+)

Summary

Get/Set the continuous shooting speed in electric shutter (Hi+).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD162
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	The real value of shutter speed in pictures/second.

Continuous Shooting Speed in Electric Shutter(Hi)

Summary

Get/Set the continuous shooting speed in electric shutter (Hi).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD163
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	The real value of shutter speed in pictures/second.

Continuous Shooting Speed in Electric Shutter(Mid)

Summary

Get/Set the continuous shooting speed in electric shutter (Mid).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD164
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	The real value of shutter speed in pictures/second.

Continuous Shooting Speed in Electric Shutter(Lo)

Summary

Get/Set the continuous shooting speed in electric shutter (Lo).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD165
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	The real value of shutter speed in pictures/second.

Bracket order

Summary

Get/Set the bracket order.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD166
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	0→-→+
0x02	-→0→+

Focus Bracket order

Summary

Get/Set the focus bracket order.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD167
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	0→-→+
0x02	0→+

Focus Bracket Exposure Lock 1st Img

Summary

Get/Set the focus bracket exposure lock 1st img.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD168
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Focus Bracket Interval Until Next Shot

Summary

Get/Set the focus bracket interval until next shot.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD169
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
0xFFFF	Shortest Interval
Other than above values	10times the real value of interval in seconds.

Note

The max value is 6553.5(0xFFFF)seconds≒1092minutes≒18hours.

Interval REC (Still) Shooting Start Time

Summary

Get/Set the interval recording (still) shooting start time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The value is stored in seconds.
e.g.) 0x0003 = 3 sec
e.g.) 0x0005 = 5 sec
The max value is 6553.5(0xFFFF)seconds≒1092minutes≒18hours.

Interval REC (Still) Shooting Interval

Summary

Get/Set the interval recording (still) shooting interval.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x00
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The stored value is 10 times the real length of the interval in seconds.
The max value is 6553.5(0xFFFF)seconds≒1092minutes≒18hours.

Interval REC (Still) Number of Shots

Summary

Get/Set the interval recording (still) number of shots.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The value represents the number of shots.

Interval REC (Still) AE Tracking Sensitivity

Summary

Get/Set the interval recording (still) AE tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Low
0x03	Mid
0x04	High

Interval REC (Still) Shutter Type

Summary

Get/Set the interval recording (still) shutter type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Mechanical Shutter
0x03	Electronic Shutter

Interval REC (Still) Shoot Interval Priority

Summary

Get/Set the interval recording (still) shoot interval priority.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD16F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

e-Front Curtain Shutter

Summary

Get/Set the e-front curtain shutter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD170
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Wind Noise Reduct

Summary

Get/Set the wind noise reduction.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD171
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON
0x03	AUTO

Audio Level Display

Summary

Get/Set the audio level display.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD172

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Auto Slow Shutter

Summary

Get/Set the auto slow shutter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD173
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

ISO Auto Min Shutter Speed Manual

Summary

Get/Set the ISO auto min shutter speed manual.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD176

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000000000000000	Invalid
Other than above values	The real value of shutter speed (Upper four bytes: numerator, Lower four bytes: denominator) In the case of the shutter speed is displayed as “Real Number” on the camera, the denominator is fixed 0x0000000A. e.g.) 0x0000000F0000000A: 0x0000000F (means 15) / 0x00000000A (means 10) = 1.5" In the case of the shutter speed is displayed as "Fraction Number" on the camera, the numerator is fixed 0x00000001. e.g.) 0x00000001000003E8: 0x00000001 (means 1) / 0x000003E8 (means 1000) = 1/1000

ISO Auto Min Shutter Speed Preset

Summary

Get/Set the ISO auto min shutter speed preset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD177
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Slower
0x02	Slow
0x03	Standard

Value	Description
0x04	Fast
0x05	Faster

Soft Skin Effect

Summary

Get/Set the soft skin effect.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD178
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Low
0x03	Mid
0x04	High

Priority Set in AF-S

Summary

Get/Set the priority set in AF-S.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD179
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	AF
0x02	Release
0x03	Balanced Emphasis

Priority Set in AF-C

Summary

Get/Set the priority set in AF-C.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	AF
0x02	Release
0x03	Balanced Emphasis

Focus Magnification Time

Summary

Get/Set the focus magnification time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x02	2seconds
0x05	5seconds
0xFF	No Limit

Note

The Value gets/sets shooting magnification time in seconds.

Playback Volume Settings

Summary

Get/Set the playback volume settings.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Auto Review

Summary

Get/Set the auto review.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17D

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Off
Other than above values	The real value of Auto Review time in seconds.

Audio Signals

Summary

Get/Set the audio signals.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON
0x03	ON:Shutter Only
0x04	ON:W/O Shutter

HDMI Resolution (Still/Play)

Summary

Get/Set the HDMI resolution (still/play).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD17F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	4320p/2160p
0x0002	2160p
0x0003	2160p/1080p
0x0004	1080p
0x0005	720p
0x0006	480p
0x0007	576p
0x0104	1080i
0x0106	480i
0x0107	576i
0xFFFF	Auto

HDMI Output Rec Media (Movie)

Summary

Get/Set the HDMI output recording media (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD180
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off (HDMI Only)
0x02	On

HDMI Output Resolution (Movie)

Summary

Get/Set the HDMI output resolution (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD181
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x00
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	4320p/2160p
0x0002	2160p
0x0003	2160p/1080p
0x0004	1080p
0x0005	720p
0x0006	480p
0x0007	576p
0x0104	1080i
0x0106	480i
0x0107	576i
0xFFFF	Auto

HDMI Output 4K Set (Movie)

Summary

Get/Set the HDMI output 4K set (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD182
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	59.94p 10bit
0x0002	50.00p 10bit
0x0003	29.97p 10bit
0x0004	25.00p 10bit
0x0005	24.00p 10bit
0x0006	23.98p 10bit
0x0101	59.94p 8bit
0x0102	50.00p 8bit
0x0103	29.97p 8bit
0x0104	25.00p 8bit
0x0106	23.98p 8bit

HDMI Output RAW (Movie)

Summary

Get/Set the HDMI output RAW (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD183
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

HDMI Output Raw Setting (Movie)

Summary

Get/Set the HDMI output RAW setting (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD184
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT8	0x00
CurrentValue	6	2	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	59.94p
0x02	50.00p
0x03	29.97p
0x04	25.00p
0x05	24.00p
0x06	23.98p

HDMI Output Color Gamut for RAW Out (Movie)

Summary

Get/Set the HDMI output color gamut for RAW out (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD185
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S-Gamut3 Cine/S-Log3
0x02	S-Gamut3/S-Log3

HDMI Output Time Code (Movie)

Summary

Get/Set the HDMI output time code (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD186
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

HDMI Output REC Control (Movie)

Summary

Get/Set the HDMI output recording control (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD187
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

TimeShift Shooting

Summary

Get/Set the TimeShift shooting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD189
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

TimeShift Trigger Setting

Summary

Get/Set the TimeShift trigger setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD18A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S1+AF
0x02	S1
0x03	AF

TimeShift PreShooting Time Setting

Summary

Get/Set the TimeShift PreShooting time setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD18B
Datatype	2	2	UINT32	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Variable	The real value of TimeShift PreShooting Time(msec) e.g.) 0x00000003 = 3 msec e.g.) 0x00000005 = 5 msec e.g.) 0x0000000A = 10 msec

Top of the Group Shooting Mark Setting

Summary

Get/Set the top of ContShootGroup mark setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD18C
Datatype	2	2	UINT16	0x0004(UINT16)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	None
0x0001	Rating1
0x0002	Rating2
0x0003	Rating3
0x0004	Rating4
0x0005	Rating5
0x0101	Divider Frame

Media SLOT3 Status

Summary

Get the media (slot 3) status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD18E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OK
0x02	No card
0x03	Card error
0x04	Card recognizing/Card locked and DB error
0x05	DB error
0x06	Card recognizing

Value	Description
0x07	Card locked and DB error
0x08	DB error (can't repair and need format)
0x09	Card error (Read Only Media)

Media SLOT3 Remaining shooting time

Summary

Get the remaining shooting time of media (slot 3).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD18F
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The unit is second, the remaining time of movie recording.
This value is expressed in hexadecimal.

Media SLOT3 Rec Available Type

Summary

Get the media slot 3 recording available clip type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD190
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
0x01	Main
0x02	Proxy
0x03	Main + Proxy

Media SLOT3 ProfileUrl

Summary

Get media slot 3 profile URL.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD191
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Profile URL

Image Stabilization Steady Shot Adjust

Summary

Get/Set the image stabilization steady shot adjust.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD192
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Automatic
0x02	Manual

Image Stabilization Steady Shot Focal Length

Summary

Get/Set the image stabilization steady shot focal length.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD193
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0008	8mm
0x0009	9mm
0x000A	10mm
0x000B	11mm
0x000C	12mm
0x000D	13mm
0x000E	14mm
0x000F	15mm
0x0010	16mm
0x0011	17mm
0x0012	18mm
0x0013	19mm

Value	Description
0x0014	20mm
0x0015	21mm
0x0018	24mm
0x0019	25mm
0x001C	28mm
0x001E	30mm
0x0020	32mm
0x0023	35mm
0x0028	40mm
0x002D	45mm
0x0032	50mm
0x0037	55mm
0x003C	60mm
0x0046	70mm
0x004B	75mm
0x0050	80mm
0x0055	85mm
0x005A	90mm
0x0064	100mm
0x0069	105mm
0x0078	120mm
0x0087	135mm
0x0096	150mm
0x00B4	180mm
0x00C8	200mm
0x00D2	210mm
0x00FA	250mm
0x012C	300mm
0x015E	350mm
0x0190	400mm
0x01C2	450mm
0x01F4	500mm
0x0258	600mm
0x0320	800mm
0x03E8	1000mm

Camera Shake Status

Summary

Get the camera shake status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD194
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	No Error
0x02	Error

Update Body Status

Summary

Get the update body status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD195
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	No error
0x0101	Other errors
0x0102	No update body file in media
0x0103	File version older

Value	Description
0x0104	File damaged
0x0105	File invalid data
0x0106	File model not match
0x0107	File region not match
0x0108	File version not match
0x0109	Low battery
0x010A	Unsupported battery

Embed LUT File

Summary

Get/Set the embed LUT file.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD196
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Media SLOT1 Writing State

Summary

Get the media slot 1 writing state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD197
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not writing
0x02	Contents writing

Media SLOT2 Writing State

Summary

Get the media slot 2 writing state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD198
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not writing
0x02	Contents writing

Auto FTP Transfer Target (Movie)

Summary

Get/Set the auto FTP transfer target (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD199
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	All
0x02	Only Shot Mark
0x03	Protect Only

FTP Transfer Target

Summary

Get/Set the FTP transfer target.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	JPEG/HEIF Only
0x02	RAW Only
0x03	RAW & JPEG/HEIF

TimeShift Shooting Status

Summary

Get the TimeShift shooting status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19B
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Idle
0x02	TimeShiftShooting
0x03	Impossible
0x04	Impossible (TimerShiftOverheating)
0x05	MainShooting

Focus Driving Status (Absolute)

Summary

Get the focus driving status (absolute).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Driving
0x02	Driving

Note

The value “Driving (0x02)” is assigned to this device property throughout the short Focus Driving period. Outside the short Focus Driving period, the value “Not Driving (0x01)” is assigned to this device property. During the interval between receiving a Focus Driving request and the actual movement of the focus, the value “Driving (0x02)” may be set for this device property.
This device property only reflects the Focus Driving Status derived from “Load Zoom and Focus Position (0xD2EA)” and from “Focus Position Setting (0xE042).”

Zoom Driving Status (Absolute)

Summary
Get the zoom driving status (absolute).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Not Driving
0x02	Driving

Note
“Driving (0x02)” is set for this device property throughout the short Zoom Driving period.
“Not Driving (0x01)” is set for this device property except during the short Zoom Driving period.
During the interval between receiving a Zoom Driving request and the actual movement of the zoom, "Driving (0x02)" may be assigned to this device property.
This device property only reflects the Focus Driving Status derived from “Load Zoom and Focus Position (0xD2EA).”

Default AF Free Size and Position Setting

Summary
Get the default AF free size and position setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19E
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The AF Free Size and Position Setting (height, width) [Upper 4 bytes]: the height is set in the upper two bytes, and the width is set in the lower two bytes.
The AF Free Size and Position Setting (x, y) [Lower 4bytes]: the x coordinate is set in the upper two bytes, and the y coordinate is set in the lower two bytes.
Separated min/max/step values for each “height,” “width,” “x,” “y” for AF Free Size and Position range. Set the range value for each.
For the set of Free Size 1, Free Size 2, and Free Size 3, refer to Focus Area. When each Free Size Setting is selected, the selected Free Size Setting can be changed.

Extended Shutter Speed

Summary

Get/Set the extended shutter speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD19F
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
0x0000000000000000	BULB
0xFFFFFFFFFFFFFFFF	nothing to display
Other than above values	The real value of shutter speed (Upper four bytes: numerator, Lower four bytes: denominator)

Note

Extended command for Shutter Speed setting.

Lens Compensation Shading

Summary

Get/Set the lens compensation shading.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Auto
0x03	Low

Lens Compensation Chromatic Aberration

Summary

Get/Set the lens compensation chromatic aberration.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Auto

Lens Compensation Distortion

Summary
Get/Set the lens compensation distortion.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Auto

Lens Compensation Breathing

Summary
Get/Set the lens compensation breathing.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Focus Bracket Recording Folder

Summary
Get/Set the focus bracket recording folder.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Current Folder
0x02	New Folder

Release without Lens

Summary
Get/Set the release without lens.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Disable
0x02	Enable

Release without Card

Summary
Get/Set the release without card.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Disable
0x02	Enable

Image Stabilization Framing Stabilizer

Summary
Get/Set the Image Stabilization Framing Stabilizer

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1A9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumration)

Value

Value	Description
0x01	OFF
0x02	ON:Manual
0x03	ON:Center

Priority Set in AWB

Summary

Get/Set the priority set in AWB.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	Ambience
0x03	White

AF Illuminator

Summary

Get/Set the AF illuminator.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Auto

Aperture Drive in AF

Summary
Get/Set the aperture drive in AF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	Focus Priority
0x03	Silent Priority

AF with Shutter

Summary
Get/Set the AF with shutter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Full Time DMF

Summary
Get/Set the full time DMF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Pre-AF

Summary
Get/Set the pre-AF.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1AF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Display Quality (Finder/Monitor)

Summary
Get/Set the display quality (finder/monitor).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	High

Audio Signals Volume

Summary
Get/Set the audio signals volume.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Control for HDMI

Summary
Get/Set the control for HDMI.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Anti-dust Shutter When Power Off

Summary
Get/Set the anti-dust shutter when power off.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Shooting Self-timer Status

Summary

Get the shooting self-timer status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Ready
0x02	Counting down

Metered Manual Level

Summary

Get the metered manual level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B5
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
Regarding Metered Manual Level, this value is an integer value multiplying the metered manual value by 1000.

ISO Auto Range Limit (min)

Summary
Get/Set the ISO auto range limit (min).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B6
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description

Note
The value is same as “ISO Sensitivity (0xD21E).”
If the minimum value (0xD1B6) exceeds the maximum value (0xD1B7), the maximum is set equal to the minimum.

ISO Auto Range Limit (max)

Summary
Get/Set the ISO auto range limit (max).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B7
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT32	0x00000000
CurrentValue	6	1	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description

Note

The value is same as “ISO Sensitivity (0xD21E).”
If the maximum value (0xD1B7) is less than the minimum value (0xD1B6), the minimum is set equal to the maximum.

Face/Eye Frame Display

Summary

Get/Set the face/eye frame display.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1B8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

AF in Focus Magnifier

Summary

Get/Set the AF in focus magnifier.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Camera Error Caution Status

Summary

Get the camera error caution status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	No Error
0x02	Error

System Error Caution Status

Summary

Get the system error caution status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	No Error
0x02	Error

Initial Focus Magnifier (Still)

Summary

Get/Set the initial focus magnifier (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BD
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	Regarding [Still]Initial Focus Mag, this value is an integer value multiplying the focus magnifier ratio by 10. e.g.) 0x000A = 10 (x1.0)

Remote Save Image Size

Summary

Get/Set the remote save image size.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Large Size
0x02	Small Size

Program Shift Status

Summary

Get the program shift status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1BF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Idle
0x02	Program Shift

Wake on LAN

Summary

Get/Set the Wake On LAN.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1C1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Tracking On + AF On Enable Status

Summary

Get the tracking on + AF on enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1C6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

APS-C/Super 35mm Shooting

Summary

Get/Set the APS-C/super 35mm shooting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1C7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON
0x03	Auto

Recording File Number (Still)

Summary

Get/Set the recording file number (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1C8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Reset
0x02	Series

Forced File Number Reset Enable Status

Summary

Get the forced file number reset enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1C9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Recording Setting File Name

Summary

Get/Set the recording setting file name.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CA
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Filel Name

Note

If the character size is invalid, EventCode: SDIE_OperationResults “Character size error” is notified.
If invalid value is set, EventCode: SDIE_OperationResults “Invalid parameter error” is notified.

Recording Folder Format

Summary

Get/Set the recording folder format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard Format
0x02	Date Format

StreamSettingList Operation Enable Status

Summary

Get the StreamSettingList Operation Enable Status

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Write Copyright Info

Summary

Get/Set the copyright info.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Set Photographer

Summary

Get/Set the photographer name.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CE
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Photographer Name

Note

If the character size is invalid, EventCode: SDIE_OperationResults “Character size error” is notified.
If invalid value is set, EventCode: SDIE_OperationResults “Invalid parameter error” is notified.

Set Copyright

Summary

Get/Set the copyright name.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1CF
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Copyrigt Name

Note

If the character size is invalid, EventCode: SDIE_OperationResults “Character size error” is notified.
If invalid value is set, EventCode: SDIE_OperationResults “Invalid parameter error” is notified.

File Settings Camera ID

Summary

Get/Set the file settings camera ID.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	A
0x02	B
0x03	C
0x04	D
0x05	E
0x06	F
0x07	G
0x08	H
0x09	I
0x0A	J
0x0B	K

Value	Description
0x0C	L
0x0D	M
0x0E	N
0x0F	O
0x10	P
0x11	Q
0x12	R
0x13	S
0x14	T
0x15	U
0x16	V
0x17	W
0x18	X
0x19	Y
0x1A	Z

File Settings Reel Number

Summary

Get/Set the file settings reel number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D1
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

File Settings Camera Position

Summary

Get/Set the file settings camera position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Center
0x02	Left
0x03	Right

ContentInfoList Enable Status (SLOT1)

Summary

Get the media slot 1 ContentInfoList enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

ContentInfoList Enable Status (SLOT2)

Summary

Get the media slot 2 ContentInfoList enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

ContentInfoList regenerate time (SLOT1)

Summary

Get the media slot 1 ContentInfoList update time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D6
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	UnixTime(ms) UTC

Note

ContentsInfoList is regenerated when any contents is edited or deleted on media.

ContentInfoList regenerate time (SLOT2)

Summary

Get the media slot 2 ContentInfoList update time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1D7
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	UnixTime(ms) UTC

Note

ContentsInfoList is regenerated when any contents is edited or deleted on media.

PostView Transfer Resource Status

Summary

Get the set PostView enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	available
0x02	unavailable

Create New Folder (Still) Enable Status

Summary

Get the create new folder (still) enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

File Settings Title Name Settings

Summary

Get/Set the file settings title name settings.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DC
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Title Name

Note

If the character size is invalid, EventCode: SDIE_OperationResults “Character size error” is notified.
If invalid value is set, EventCode: SDIE_OperationResults “Invalid parameter error” is notified.

Microphone directivity

Summary
Get/Set the microphone directivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	All
0x03	Front
0x04	Rear

Grid Line Display

Summary
Get/Set the grid line display.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Product Showcase Set

Summary
Get/Set the product showcase set.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1DF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Amount of Defocus Setting

Summary
Get/Set the amount of defocus setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E0
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Cinematic Vlog Setting

Summary

Get/Set the cinematic vlog setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Cinematic Vlog Look

Summary

Get/Set the cinematic vlog look.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E2
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Classic
0x0002	S-cinetone
0x0003	Clean
0x0004	Chic

Value	Description
0x0005	Fresh
0x0006	Mono
0x0101	User1
0x0102	User2
0x0103	User3
0x0104	User4
0x0105	User5
0x0106	User6
0x0107	User7
0x0108	User8
0x0109	User9
0x010A	User10
0x010B	User11
0x010C	User12
0x010D	User13
0x010E	User14
0x010F	User15
0x0110	User16

Cinematic Vlog Mood

Summary

Get/Set the cinematic vlog mood.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Gold
0x03	Ocean

Value	Description
0x04	Forest

Cinematic Vlog AF Transition Speed

Summary

Get/Set the cinematic vlog AF transition speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	High
0x02	Middle
0x03	Low

Face Priority in Multi Metering

Summary

Get/Set the face priority in multi metering.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Subject Recognition Person Tracking Subject Shift Range

Summary

Get/Set the subject recognition person tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Animal+Bird Priority

Summary

Get/Set the subject recognition animal+bird priority.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Animal Priority
0x03	Bird Priority

Subject Recognition Animal+Bird Detection Parts

Summary

Get/Set the subject recognition animal+bird detection parts.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Eye+Head+Body
0x02	Eye+Head
0x03	Eye
0xFF	Follow individual Setting

Subject Recognition Animal (Still) Tracking Subject Shift Range

Summary

Get/Set the subject recognition animal (still) tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1E9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Animal (Still) Tracking Sensitivity

Summary

Get/Set the subject recognition animal (still) tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1EA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Animal (Still) Detection Sensitivity

Summary

Get/Set the subject recognition animal (still) detection sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1EB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Animal (Still) Detection Parts

Summary

Get/Set the subject recognition animal (still) detection parts.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1EC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Eye+Head+Body
0x02	Eye+Head
0x03	Eye

Subject Recognition Bird Tracking Subject Shift Range

Summary

Get/Set the subject recognition bird tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1ED

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Bird Tracking Sensitivity

Summary

Get/Set the subject recognition bird tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1EE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Bird Detection Sensitivity

Summary

Get/Set the subject recognition bird detection sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1EF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Bird Detection Parts

Summary

Get/Set the subject recognition bird detection parts.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Eye+Head+Body
0x02	Eye+Head
0x03	Eye

Subject Recognition Insect Tracking Subject Shift Range

Summary

Get/Set the subject recognition insect tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Insect Tracking Sensitivity

Summary

Get/Set the subject recognition insect tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Insect Detection Sensitivity

Summary

Get/Set the subject recognition insect detection sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Car/Train Tracking Subject Shift Range

Summary

Get/Set the subject recognition car/train tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Car/Train Tracking Sensitivity

Summary

Get/Set the subject recognition car/train tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Car/Train Detection Sensitivity

Summary

Get/Set the subject recognition car/train detection sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Plane Tracking Subject Shift Range

Summary

Get/Set the subject recognition plane tracking subject shift range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Plane Tracking Sensitivity

Summary

Get/Set the subject recognition plane tracking sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Plane Detection Sensitivity

Summary

Get/Set the subject recognition plane detection sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1F9
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Subject Recognition Priority on registered face

Summary

Get/Set the subject recognition priority on registered face.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Monitor Brightness Type

Summary

Get/Set the monitor brightness type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Manual
0x02	Sunny Wheather

Monitor Brightness Manual

Summary

Get/Set the monitor brightness manual.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FC
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variables	min
variables	max
variables	step

TC/UB Display Setting

Summary

Get/Set the TC/UB display setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Counter
0x02	TC
0x03	U-Bit
0x04	Duration

Gamma Display Assist

Summary

Get/Set the gamma display assist.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Gamma Display Assist Type

Summary

Get/Set the gamma display assist type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD1FF
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Auto
0x0302	S-Log2→709 (800%)
0x0303	S-Log3→709 (800%)
0x0401	HLG (BT.2020)
0x0402	HLG (709)

Flash Compensation

Summary

Get/Set the flash compensation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD200
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value is obtained by multiplying a real Flash Compensation value by 1000. e.g.) 0xEC78 = -5000 (means -5.0Ev) 0x0000 = 0 (means 0.0Ev) 0x1388 = 5000 (means 5.0Ev)

Dynamic Range Optimizer

Summary

Get/Set the dynamic range optimizer.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD201
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DRO OFF
0x02	DRO
0x10	DRO+
0x11	DRO + Manual1
0x12	DRO + Manual2
0x13	DRO + Manual3
0x14	DRO + Manual4
0x15	DRO + Manual5
0x16	DRO + Manual6
0x17	DRO + Manual7
0x18	DRO + Manual8
0x1F	DRO AUTO
0x20	HDR AUTO
0x21	HDR 1.0Ev
0x22	HDR 2.0Ev
0x23	HDR 3.0Ev

Value	Description
0x24	HDR 4.0Ev
0x25	HDR 5.0Ev
0x26	HDR 6.0Ev

Image Size

Summary

Get/Set the image size.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD203
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	L
0x02	M
0x03	S
0x04	24M
0x05	16M
0x06	13M
0x07	11M
0x08	8.4M
0x09	6.1M
0x0A	6M
0x0B	5.6M
0x0C	4M
0x0D	2.6M
0x0E	21M
0x0F	20M
0x10	10M
0x11	9.2M
0x12	8.7M

Value	Description
0x13	6.9M
0x14	4.6M
0x15	4.1M
0x16	4M
0x17	3.9M
0x18	3.1M
0x19	VGA

Total Battery Remaining

Summary
Get the total battery remaining (%).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD204
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note
The command is used to calculate the total battery remaining when multiple batteries are attached.
0xFFFF is untaken.

Total Battery Level Indicator

Summary
Get the total battery level indicator.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD205
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Fake Battery
0x02	Unusable
0x03	Pre-End Battery
0x04	Battery Level 1/4
0x05	Battery Level 2/4
0x06	Battery Level 3/4
0x07	Battery Level 4/4
0x08	Battery Level 1/3
0x09	Battery Level 2/3
0x0A	Battery Level 3/3
0x0B	Pre-End Battery with USB Bus Power Supply
0x0C	Battery Level 1/4 with USB Bus Power Supply
0x0D	Battery Level 2/4 with USB Bus Power Supply
0x0E	Battery Level 3/4 with USB Bus Power Supply
0x0F	Battery Level 4/4 with USB Bus Power Supply
0x10	USB Bus Power Supply
0xFF	Battery Not Installed

Note

The command is used to calculate the total battery level indicator when multiple batteries are attached.

OSD Image Mode

Summary

Get/Set the OSD image mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD207
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
0x01	ON

Camera Button Function capability

Summary

Get the camera button function capability.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD208
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A (0x0000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up button
0x0002	Down button
0x0003	Left button
0x0004	Right button
0x0005	ENTER button
0x0006	MENU button
0x0007	Multi-selector Up
0x0008	Multi-selector Down

Value	Description
0x0009	Multi-selector Left
0x000A	Multi-selector Right
0x000B	Multi-selector Enter
0x000C	Multi-selector Right Up
0x000D	Multi-selector Right Down
0x000E	Multi-selector Left Up
0x000F	Multi-selector Left Down
0x0010	Fn button
0x0011	Playback button
0x0012	Delete button
0x0013	Mode button
0x0014	C1 button
0x0015	C2 button
0x0016	C3 button
0x0017	C4 button
0x0018	C5 button
0x0019	C6 button
0x001A	MOVIE button
0x001B	AEL button
0x001C	AF-ON button
0x001D	Home Button
0x001E	Clips Button
0x001F	Slot-Select Button
0x0020	Display Button
0x0021	C7 button
0x0022	Cancel/Back Button
0x0023	Thumbnail Button

Note

Refer to SDIO_GetDisplayStringList for the display camera button name.

Camera Button Function Multi capability

Summary

Get the camera button function multi capability.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD209

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A (0x0000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description

Note

Please use the same value as Camera Button Function capability.
Refer to SDIO_GetDisplayStringList for the display camera button name and use the list type "Camera.Button.Function.capability.DisplayList."

Camera Dial Function capability

Summary

Get the camera dial function capability.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A (0x0000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x4001	Control wheel
0x4002	Front dial
0x4003	Rear dial L
0x4004	Rear dial R

Note

Refer to SDIO_GetDisplayStringList for the display camera dial name.

Camera Lever Function capability

Summary
Get the camera lever function capability.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A (0x0000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x5001	Tele/Wide Lever

Note
Refer to SDIO_GetDisplayStringList for the display camera lever name.

Camera Button Function Status

Summary
Get the camera button function status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	N/A (0x0000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Idle
0x0002	Any Key On

Shutter Speed

Summary
Get/Set the shutter speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20D
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumlation)

Value

Value	Description
0x00000000	BULB
0xFFFFFFFF	nothing to display
Other than above values	The real value of shutter speed (Upper two bytes: numerator, Lower two bytes: denominator) In the case of the shutter speed is displayed as "Real Number" on the camera, the denominator is fixed 0x000A. e.g.) 0x000F000A: 0x000F (means 15) / 0x0000A (means 10) = 1.5" In the case of the shutter speed is displayed as "Fraction Number" on the camera, the numerator is fixed 0x0001. e.g.) 0x000103E8: 0x0001 (means 1) / 0x03E8 (means 1000) = 1/1000

Note
The host should send SDIO_ControlDevice to change this value from the host application
min: 0x00000000
max: 0xFFFFFFFF
step: 0x00000001

Battery Level Indicator

Summary
Get the battery level indicator.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Fake Battery
0x02	Unusable
0x03	Pre-End Battery
0x04	Battery Level 1/4
0x05	Battery Level 2/4
0x06	Battery Level 3/4
0x07	Battery Level 4/4
0x08	Battery Level 1/3
0x09	Battery Level 2/3
0x0A	Battery Level 3/3
0x0B	Pre-End Battery with USB Bus Power Supply
0x0C	Battery Level 1/4 with USB Bus Power Supply
0x0D	Battery Level 2/4 with USB Bus Power Supply
0x0E	Battery Level 3/4 with USB Bus Power Supply
0x0F	Battery Level 4/4 with USB Bus Power Supply
0x10	USB Bus Power Supply
0xFF	Battery Not Installed

Color Temperature

Summary

Get/Set the color temperature.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD20F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The special CurrentValues are the following.

- 0x0000 means less than 2500K.
- 0xFFFF means greater than 9900K.
  These values are not included the value of Range (they are only used as CurrentValue).

Biaxial Fine-Tuning G-M Direction

Summary

Get/Set the biaxial fine-tuning G-M direction.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD210
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x9C(M9_00)	min
0xE4(G9_00)	max
0x01(0.25)	step

Aspect Ratio

Summary

Get/Set the aspect ratio.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD211

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	3:02
0x02	16:09
0x03	4:03
0x04	1:01

Focus Indication

Summary

Get the focus indication.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD213
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unlock
0x02	●[AF-S]Focused, and AF Locked State
0x03	●[AF-S]Not Focused, and Low Contrast State
0x04	Not Used
0x05	(( ))[AF-C]Tracking Subject motion
0x06	((●))[AF-C]Focused State
0x07	((●)[AF-C]Not Focused, and Low Contrast State
0x08	Unpause

Value	Description
0x09	Pause

Note
Limitation notice: This device property does not work if HDMI is never outputted on the ILX-LR1 (Ver. 1.00). Please use SDIE_AFStatus instead.

Predicted Maximum File Size

Summary
Get the predicted maximum file size.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD214
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note
This value is followed by the current settings.

Shooting File Info

Summary
Get the shooting file info.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD215
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Note

0x0000: Transferable file does not exit
0x0001-0x7FFF: File exists
If the value is over 0x8001 (MSB is 0b01), the host can send GetObjectInfo/GetObject to get the shot files.

Auto FTP Transfer Target (Still)

Summary

Get/Set the auto FTP transfer target (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD216
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	All
0x02	Protect Only

AELock Indication

Summary

Get the AE lock indication.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD217
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unlocked
0x02	Locked

Battery Remaining

Summary

Get the battery remaining (%).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD218
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	INT8	0x00
CurrentValue	6	1	INT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0xFF (untaken)	min
0x64 (100%)	max
0x01	step

Picture Effect

Summary

Get/Set the picture effect value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD21B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x8000	OFF
0x8001	Toy Camera Normal
0x8002	Toy Camera Cool
0x8003	Toy Camera Warm
0x8004	Toy Camera Green
0x8005	Toy Camera Magenta
0x8010	Pop Color
0x8020	Posterization B/W
0x8021	Posterization Color
0x8030	Retro Photo
0x8040	Soft High-key
0x8050	Partial Color Red
0x8051	Partial Color Green
0x8052	Partial Color Blue
0x8053	Partial Color Yellow
0x8060	High Contrast Mono
0x8070	Soft Focus Low
0x8071	Soft Focus Mid
0x8072	Soft Focus High
0x8080	HDR Painting Low
0x8081	HDR Painting Mid
0x8082	HDR Painting High
0x8090	Rich-tone Mono
0x80A0	Miniature Auto
0x80A1	Miniature Top
0x80A2	Miniature Middle(Horizontal
0x80A3	Miniature Bottom

Value	Description
0x80A4	Miniature Right
0x80A5	Miniature Middle(Vertical)
0x80A6	Miniature Left
0x80B0	Miniature Wator Color
0x80C0	Miniature Illustration Low
0x80C1	Miniature Illustration Mid
0x80C2	Miniature Illustration High

Biaxial Fine-Tuning A-B Direction

Summary

Get/Set the biaxial fine-tuning A-B direction.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD21C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x9C (B9_00)	min
0xE4 (A9_00)	max
0x01 (0.25)	step

Note

The AB value sent to PC App from the camera corresponds to one of the following patterns:
AB number is BY or AY, where Y is a decimal from 0.00 to 9.00 and increments by 0.25.
ex) B9.00 (0x9C), B8.75 (0x9D), ..., A8.75 (0xE3), A9.00 (0xE4).

Movie Recording State

Summary

Get the movie recording state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD21D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00	Not Recording
0x01	Recording
0x02	Recording Failed
0x03	Waiting Record

Note

“Waiting Record” (0x03) is not record during “Interval REC (movie)” recording.

ISO Sensitivity

Summary

Get/Set the ISO sensitivity.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD21E
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT32	0x00000000
CurrentValue	6	2	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000000A	ISO 10
0x0000000C	ISO 12
0x00000010	ISO 16
0x00000014	ISO 20

Value	Description
0x00000019	ISO 25
0x00000020	ISO 32
0x00000028	ISO 40
0x00000032	ISO 50
0x00000040	ISO 64
0x00000050	ISO 80
0x00000064	ISO 100
0x0000007D	ISO 125
0x000000A0	ISO 160
0x000000C8	ISO 200
0x000000FA	ISO 250
0x00000140	ISO 320
0x00000190	ISO 400
0x000001F4	ISO 500
0x00000280	ISO 640
0x00000320	ISO 800
0x000003E8	ISO 1000
0x000004E2	ISO 1250
0x00000640	ISO 1600
0x000007D0	ISO 2000
0x000009C4	ISO 2500
0x00000C80	ISO 3200
0x00000FA0	ISO 4000
0x00001388	ISO 5000
0x00001900	ISO 6400
0x00001F40	ISO 8000
0x00002710	ISO 10000
0x00003200	ISO 12800
0x00003E80	ISO 16000
0x00004E20	ISO 20000
0x00006400	ISO 25600
0x00007D00	ISO 32000
0x00009C40	ISO 40000
0x0000C800	ISO 51200
0x0000FA00	ISO 64000
0x00013880	ISO 80000
0x00019000	ISO 102400

Value	Description
0x0001F400	ISO 128000
0x00027100	ISO 160000
0x00032000	ISO 204800
0x0003E800	ISO 256000
0x0004E200	ISO 320000
0x00064000	ISO 409600
0x0007D000	ISO 512000
0x0009C400	ISO 640000
0x000C8000	ISO 819200
0x00FFFFFF	ISO AUTO
0x0100000A	Multi Frame NR ISO 10
0x0100000C	Multi Frame NR ISO 12
0x01000010	Multi Frame NR ISO 16
0x01000014	Multi Frame NR ISO 20
0x01000019	Multi Frame NR ISO 25
0x01000020	Multi Frame NR ISO 32
0x01000028	Multi Frame NR ISO 40
0x01000032	Multi Frame NR ISO 50
0x01000040	Multi Frame NR ISO 64
0x01000050	Multi Frame NR ISO 80
0x01000064	Multi Frame NR ISO 100
0x0100007D	Multi Frame NR ISO 125
0x010000A0	Multi Frame NR ISO 160
0x010000C8	Multi Frame NR ISO 200
0x010000FA	Multi Frame NR ISO 250
0x01000140	Multi Frame NR ISO 320
0x01000190	Multi Frame NR ISO 400
0x010001F4	Multi Frame NR ISO 500
0x01000280	Multi Frame NR ISO 640
0x01000320	Multi Frame NR ISO 800
0x010003E8	Multi Frame NR ISO 1000
0x010004E2	Multi Frame NR ISO 1250
0x01000640	Multi Frame NR ISO 1600
0x010007D0	Multi Frame NR ISO 2000
0x010009C4	Multi Frame NR ISO 2500
0x01000C80	Multi Frame NR ISO 3200
0x01000FA0	Multi Frame NR ISO 4000

Value	Description
0x01001388	Multi Frame NR ISO 5000
0x01001900	Multi Frame NR ISO 6400
0x01001F40	Multi Frame NR ISO 8000
0x01002710	Multi Frame NR ISO 10000
0x01003200	Multi Frame NR ISO 12800
0x01003E80	Multi Frame NR ISO 16000
0x01006400	Multi Frame NR ISO 25600
0x0100C800	Multi Frame NR ISO 51200
0x01019000	Multi Frame NR ISO 102400
0x01032000	Multi Frame NR ISO 204800
0x01064000	Multi Frame NR ISO 409600
0x010C8000	Multi Frame NR ISO 819200
0x01FFFFFF	Multi Frame NR ISO AUTO
0x0200000A	Multi Frame NR High ISO 10
0x0200000C	Multi Frame NR High ISO 12
0x02000010	Multi Frame NR High ISO 16
0x02000014	Multi Frame NR High ISO 20
0x02000019	Multi Frame NR High ISO 25
0x02000020	Multi Frame NR High ISO 32
0x02000028	Multi Frame NR High ISO 40
0x02000032	Multi Frame NR High ISO 50
0x02000040	Multi Frame NR High ISO 64
0x02000050	Multi Frame NR High ISO 80
0x02000064	Multi Frame NR High ISO 100
0x0200007D	Multi Frame NR High ISO 125
0x020000A0	Multi Frame NR High ISO 160
0x020000C8	Multi Frame NR High ISO 200
0x020000FA	Multi Frame NR High ISO 250
0x02000140	Multi Frame NR High ISO 320
0x02000190	Multi Frame NR High ISO 400
0x020001F4	Multi Frame NR High ISO 500
0x02000280	Multi Frame NR High ISO 640
0x02000320	Multi Frame NR High ISO 800
0x020003E8	Multi Frame NR High ISO 1000
0x020004E2	Multi Frame NR High ISO 1250
0x02000640	Multi Frame NR High ISO 1600
0x020007D0	Multi Frame NR High ISO 2000

Value	Description
0x020009C4	Multi Frame NR High ISO 2500
0x02000C80	Multi Frame NR High ISO 3200
0x02000FA0	Multi Frame NR High ISO 4000
0x02001388	Multi Frame NR High ISO 5000
0x02001900	Multi Frame NR High ISO 6400
0x02001F40	Multi Frame NR High ISO 8000
0x02002710	Multi Frame NR High ISO 10000
0x02003200	Multi Frame NR High ISO 12800
0x02003E80	Multi Frame NR High ISO 16000
0x02006400	Multi Frame NR High ISO 25600
0x0200C800	Multi Frame NR High ISO 51200
0x02019000	Multi Frame NR High ISO 102400
0x02032000	Multi Frame NR High ISO 204800
0x02064000	Multi Frame NR High ISO 409600
0x020C8000	Multi Frame NR High ISO 819200
0x02FFFFFF	Multi Frame NR High ISO AUTO

Note
To specify extended ISO values, add an offset value 0x10000000.

FELock Indication

Summary
Get the FE lock indication.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD21F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unlocked
0x02	Locked

Audio Signals (Start/End)

Summary
Get/Set the audio signals (start/end).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD220
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Live View Status

Summary
Get the live view status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD221
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Live View Supported but Disabled: If this value is set, the host should not get the LiveView Image.
0x01	Live View Supported and Enabled: The host can get the LiveView Image and activate LiveView button if have.

Value	Description
0x02	Live View Not Supported: Just definition, if the camera doesn't support Liveview, the host can't get this property by any operation.

Still Image Save Destination

Summary

Get the information of still image save destination.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD222
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x0000
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Host Device (e.g., PC)
0x0010	Camera (Memory Card)
0x0011	Host Device & Camera (Memory Card)

Date/Time Setting

Summary

Set the date and time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD223
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5		STR	variable
CurrentValue	6		STR	variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
"YYYYMMDDThhmmss.s±hhmm"	

Note

Indicate by the character string in the date and time form provided by ISO8601.
The details of the data type can be found in the PIMA15740 DataTime Strings.
This device property is write-only. CurrentValue and DefaultValue are string data with a size of zero.
Valid values from 2016/1/1.

Some models cannot be set to GMT. Please set your camera to GMT in the menu setting beforehand. Perform an operational check when using the camera.

Protect Image in FTP Transfer

Summary

Get/Set the protect image in FTP transfer.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD225
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Auto Recognition Target Candidates

Summary

Get the auto recognition target candidates.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD229
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (0x00000000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Person
0x00000002	Animal
0x00000004	Bird
0x00000008	Insect
0x00000010	Car/Train
0x00000020	Plane

Note

This bit-assigned available Auto Recognition Target values can be used to set Auto Recognition Target Setting by OR operation.

Focus Area

Summary

Get/Set the focus area.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD22C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT8	0x0000
CurrentValue	6	2	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Unknown
0x0001	Wide
0x0002	Zone
0x0003	Center
0x0101	Flexible Spot S

Value	Description
0x0102	Flexible Spot M
0x0103	Flexible Spot L
0x0104	Expand Flexible Spot
0x0105	Flexible Spot
0x0106	Flexible Spot XS
0x0107	Flexible Spot XL
0x1101	Flexible Spot Free Size 1
0x1102	Flexible Spot Free Size 2
0x1103	Flexible Spot Free Size 3
0x0201	Lock on AF Wide
0x0202	Lock on AF Zone
0x0203	Lock on AF Center
0x0204	Lock on AF Flexible Spot S
0x0205	Lock on AF Flexible Spot M
0x0206	Lock on AF Flexible Spot L
0x0207	Lock on Expand Flexible Spot
0x0208	Lock on AF Flexible Spot
0x0209	Lock on AF Flexible Spot XS
0x020A	Lock on AF Flexible Spot XL
0x1201	Lock on AF Flexible Spot Free Size 1
0x1202	Lock on AF Flexible Spot Free Size 2
0x1203	Lock on AF Flexible Spot Free Size 3

Live View Display Effect

Summary

Get/Set the live view display effect.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD231
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Unknown
0x01	Setting Effect ON
0x02	Setting Effect OFF

Auto Recognition Target Setting

Summary

Get/Set the auto recognition target setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD234
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000001	min
0xFFFFFFFF	max
0x00000001	step

Note

Use the available Auto Recognition Target value obtained by Auto Recognition Target Candidates for OR operation. Multiple values could be set using the OR operation. Thus, at least one option must be set.

Near/Far Enable Status

Summary

Get the near/far enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD235
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disabled
0x01	Enabled

Exposure Step

Summary

Get/Set the exposure step width.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD237
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than above values	100 times the real value of Exposure Step Width e.g.) 0x001E = 30/100 = 0.3 EV e.g.) 0x0032 = 50/100 = 0.5 EV

Pixel Shift Shooting Mode

Summary

Get the pixel shift shooting mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD239

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Off
0x01	Burst Shooting

Pixel Shift Shooting Number

Summary

Get/Set the pixel shift shooting number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD23A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0001
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	1 Sheet
0x0004	4 Sheets
0x0010	16 Sheets

Note

When setting this device property, do not use other than “1 Sheet” (0x0001) and “4 Sheets” (0x0004).

Pixel Shift Shooting Interval

Summary

Get/Set the pixel shift shooting interval.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD23B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	0 sec.
0x0001	1 sec.
0x0002	2 sec.
0x0003	3 sec.
0x0004	4 sec.
0x0005	5 sec.
0x000A	10 sec.
0x000F	15 sec.
0x001E	30 sec.
0xFFFF	Shortest Interval

Pixel Shift Shooting Status

Summary

Get the pixel shift shooting status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD23C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Not Shooting
0x01	Shooting

Note

“Shooting” (0x01) is set in this device property during the trinity shooting period.
“Not Shooting” (0x00) is set for this device property except during the trinity shooting period.

Progress Number of Pixel Shift Shooting

Summary

Get the progress number of pixel shift shooting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD23D
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0001
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	1st shooting
0x0002	2nd shooting
0x0003	3rd shooting
0x0004	4th shooting
0x0005	5th shooting
0x0006	6th shooting
0x0007	7th shooting
0x0008	8th shooting
0x0009	9th shooting
0x000A	10th shooting
0x000B	11th shooting
0x000C	12th shooting
0x000D	13th shooting
0x000E	14th shooting
0x000F	15th shooting

Value	Description
0x0010	16th shooting

Note

This value starts from 1 (meaning the 1st shooting) and counts up to the value of Pixel Shift Shooting Number.

Picture Profile

Summary

Get/Set the picture profile.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD23F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Picture Profile OFF
0x01	Picture Profile number 1
0x02	Picture Profile number 2
0x03	Picture Profile number 3
0x04	Picture Profile number 4
0x05	Picture Profile number 5
0x06	Picture Profile number 6
0x07	Picture Profile number 7
0x08	Picture Profile number 8
0x09	Picture Profile number 9
0x0A	Picture Profile number 10
0x0B	Picture Profile number 11
0x41	Picture Profile LUT number 1
0x42	Picture Profile LUT number 2
0x43	Picture Profile LUT number 3
0x44	Picture Profile LUT number 4

Creative Style

Summary

Get/Set the creative style.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD240
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	Vivid
0x03	Portrait
0x04	Landscape
0x05	Sunset
0x06	B/W (Black & White)
0x07	Light
0x08	Neutral
0x09	Clear
0x0A	Deep
0x0B	Night View
0x0C	Autumn Leaves
0x0D	Sepia
0x0E	Creative BOX1
0x0F	Creative BOX2
0x10	Creative BOX3
0x11	Creative BOX4
0x12	Creative BOX5
0x13	Creative BOX6

File Format (Movie)

Summary

Get/Set the file format (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD241
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	DVD
0x02	M2PS
0x03	AVCHD
0x04	MP4
0x05	DV
0x06	XAVC
0x07	MXF
0x08	XAVC S 4K
0x09	XAVC S HD
0x0A	XAVC HS 8K
0x0B	XAVC HS 4K
0x0C	XAVC S-L 4K
0x0D	XAVC S-L HD
0x0E	XAVC S-I 4K
0x0F	XAVC S-I HD
0x10	XAVC I
0x11	XAVC L
0x12	XAVC Proxy
0x13	XAVC HS HD
0x14	XAVC S-I DCI 4K
0x15	XAVC H-I HQ
0x16	XAVC H-I SQ
0x17	XAVC H-L

Value	Description
0x18	X-OCN XT
0x19	X-OCN ST
0x1A	X-OCN LT
0x1B	XAVC HS-L 422
0x1C	XAVC HS-L 420
0x1D	XAVC S-L 422
0x1E	XAVC S-L 420
0x1F	XAVC S-I 422
0x20	MPEG HD 422

Recording Setting (Movie)

Summary

Get/Set the recording setting (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD242
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	60p 50M / XAVC S
0x0002	30p 50M / XAVC S
0x0003	24p 50M / XAVC S
0x0004	50p 50M / XAVC S
0x0005	25p 50M / XAVC S
0x0006	60i 24M(FX) / AVCHD
0x0007	50i 24M(FX) / AVCHD
0x0008	60i 17M(FH) / AVCHD
0x0009	50i 17M(FH) / AVCHD
0x000A	60p 28M(PS) / AVCHD
0x000B	50p 28M(PS) / AVCHD
0x000C	24p 24M(FX) / AVCHD

Value	Description
0x000D	25p 24M(FX) / AVCHD
0x000E	24p 17M(FH) / AVCHD
0x000F	25p 17M(FH) / AVCHD
0x0010	120p 50M (1280x720) / XAVC S
0x0011	100p 50M (1280x720) / XAVC S
0x0012	1920x1080 30p 16M / MP4
0x0013	1920x1080 25p 16M / MP4
0x0014	1280x720 30p 6M / MP4
0x0015	1280x720 25p 6M / MP4
0x0016	1920x1080 60p 28M / MP4
0x0017	1920x1080 50p 28M / MP4
0x0018	60p 25M / XAVC S HD
0x0019	50p 25M / XAVC S HD
0x001A	30p 16M / XAVC S HD
0x001B	25p 16M / XAVC S HD
0x001C	120p 100M (1920x1080) / XAVC S HD
0x001D	100p 100M (1920x1080) / XAVC S HD
0x001E	120p 60M (1920x1080) / XAVC S HD
0x001F	100p 60M (1920x1080) / XAVC S HD
0x0020	30p 100M / XAVC S 4K
0x0021	25p 100M / XAVC S 4K
0x0022	24p 100M / XAVC S 4K
0x0023	30p 60M / XAVC S 4K
0x0024	25p 60M / XAVC S 4K
0x0025	24p 60M / XAVC S 4K
0x0026	600M 422 10bit
0x0027	500M 422 10bit
0x0028	400M 420 10bit
0x0029	300M 422 10bit
0x002A	280M 422 10bit
0x002B	250M 422 10bit
0x002C	240M 422 10bit
0x002D	222M 422 10bit
0x002E	200M 422 10bit
0x002F	200M 420 10bit
0x0030	200M 420 8bit
0x0031	185M 422 10bit

Value	Description
0x0032	150M 420 10bit
0x0033	150M 420 8bit
0x0034	140M 422 10bit
0x0035	111M 422 10bit
0x0036	100M 422 10bit
0x0037	100M 420 10bit
0x0038	100M 420 8bit
0x0039	93M 422 10bit
0x003A	89M 422 10bit
0x003B	75M 420 10bit
0x003C	60M 420 8bit
0x003D	50M 422 10bit
0x003E	50M 420 10bit
0x003F	50M 420 8bit
0x0040	45M 420 10bit
0x0041	30M 420 10bit
0x0042	25M 420 8bit
0x0043	16M 420 8bit
0x0044	520M 422 10bit
0x0045	260M 422 10bit

Media SLOT1 Status

Summary

Get the media (SLOT1) status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD248
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OK

Value	Description
0x02	No Card
0x03	Card Error
0x04	Card Recognizing / Card Locked and DB Error
0x05	DB Error
0x06	Card Recognizing
0x07	Card Locked and DB Error
0x08	DB Error (Cannot Repair and Need Format)
0x09	Card Error (Read-Only Media)

Media SLOT1 Remaining number shots

Summary

Get the remaining number shots of media (SLOT1).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD249
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The unit is the remaining number of shots. This value expressed as hexadecimal.

In some models, correct values may not be retrieved during media writing when continuous shooting is performed.
Perform an operational check when using the camera.

Media SLOT1 Remaining shooting time

Summary

Get the remaining shooting time of media (SLOT1).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD24A
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The unit is seconds, and the remaining time of the movie recording.
This value is expressed as hexadecimal.

Focal position

Summary

Get the focal position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD24C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00	min
0x64	max
0x01	step

AWBLock Indication

Summary
Get the AWB lock indication.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD24E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unlocked
0x02	Locked

Interval REC (Still) Mode

Summary
Get/Set the interval REC (still) mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD24F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Interval REC (Still) Status

Summary
Get the interval REC (still) status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD250
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Waiting Start
0x01	Interval Shooting

Device Overheating State

Summary
Get the device overheating state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD251
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00	min
0x02	max
0x01	step

Note
Each value means:

- 0x00: Not Overheating
- 0x01: Pre Overheating
- 0x02: Overheating

Still Image Quality

Summary
Get/Set the still image quality.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD252
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Extra Fine
0x02	Fine
0x03	Standard
0x04	Light

File Format (Still)

Summary
Get/Set the file format (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD253
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	RAW
0x02	RAW+JPEG
0x03	JPEG
0x04	RAW+HEIF
0x05	HEIF

Focus Magnifier Setting

Summary

Get/Set the focus magnifier setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD254
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000000000000000～0xFFFFFFFFFFFFFFFF	Focus Magnifier Ratio [Upper 4bytes]

Note

The focus magnifier ratio (upper 4 bytes) is an integer value multiplying the focus magnifier ratio by 10.
If the focus magnifier ratio is x2.0, set 0x00000014.
0x00000000 means that the focus magnifier is off.

Regarding focus magnifier position (x,y) (lower 4 bytes), the x-coordinate is set in the upper two bytes and the y-coordinate is set in the lower two bytes.
If the focus magnifier position (x) is 150, (y) is 100, set 0x00960064. 0x0096 = 0d150, 0x0064 = 0d100
The range of X is 0 to 639 (0x027F), and the range of Y is 0 to 479 (0x01DF).
In the enum values, the Focus Magnifier Position (x, y) sets 0xFFFFFFFF as an invalid value.
Ex.) If the camera supports off, x1.0, x4.0 and x8.0 as focus magnifier ratio, the enum values are as follows:
Enum value[0] = 0x00000000FFFFFFFF (means off)
Enum value[1] = 0x0000000AFFFFFFFF (means x1.0)

Enum value[2] = 0x00000028FFFFFFFF (means x4.0)
Enum value[3] = 0x00000050FFFFFFFF (means x8.0)

AF Tracking Sensitivity (Still)

Summary

Get/Set the AF tracking sensitivity (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD255
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x05	5 (Responsive)
0x04	4
0x03	3 (Standard)
0x02	2
0x01	1 (Locked on)

Media SLOT2 Status

Summary

Get the media (SLOT2) status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD256
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OK
0x02	No Card
0x03	Card Error
0x04	Card Recognizing / Card Locked and DB Error
0x05	DB Error
0x06	Card Recognizing
0x07	Card Locked and DB Error
0x08	DB Error (Cannot Repair and Need Format)
0x09	Card Error (Read-Only Media)

Note

This device property is not available if the camera does not support the target media slot.

Media SLOT2 Remaining number shots

Summary

Get the remaining number shots of media (SLOT2).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD257
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The unit is the remaining number of shots. This value expressed as hexadecimal.

In some models, correct values may not be retrieved during media writing when continuous shooting is performed.
Perform an operational check when using the camera.

Media SLOT2 Remaining shooting time

Summary

Get the remaining shooting time of media (SLOT2).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD258
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

This device property is not available if the camera does not support the target media slot.
The unit is seconds, and the remaining time of the movie recording.
This value is expressed as hexadecimal.

Position Key Setting

Summary

Get/Set the position key setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Camera position priority
0x01	PC Remote setting priority

Note

This value will be set to 0x00 when the session is closed.

Zoom Operation Enable Status

Summary

Get the zoom operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Zoom Scale

Summary

Get/Set the zoom scale.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25C
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Min/max/step is variable. This value should be multiplied by 0.001.
Step varies as the camera's condition changes. ex) 1.0→1.2→1.4→... = 200
Set the values multiplied by step to min/max/value. ex) min=1000, max=8000, step=200, value=0: 1200 (min=x1.0, max=8.0, value=x1.2

Zoom Bar Information

Summary

Get the zoom bar information.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25D
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x00(None)

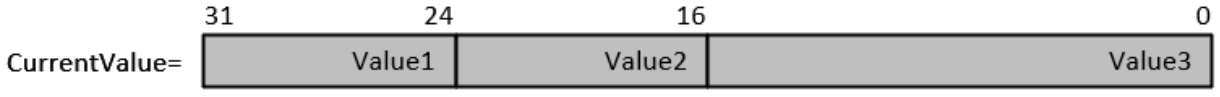
Value

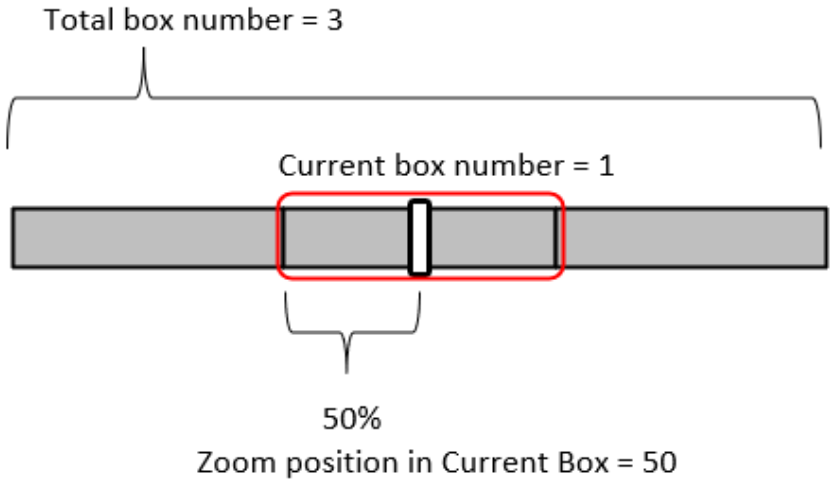
Value	Description
-	See the Note below

Note

The current value contains the following values:

- Value 1 (31-24): Total box number
- Value 2 (23-16): Current box number
- Value 3 (15-0): Zoom position in current box





Value 1

Value	Description	Comment
0	min	Total box number
0xFF	max	Total box number
1	step	Total box number

Value 2

Value	Description	Comment
0	min	Current box number
0xFF	max	Current box number
1	step	Current box number

Value 3

Value	Description	Comment
0x00	min	Zoom position in current box
0x64	max	Zoom position in current box
0x01	step	Zoom position in current box

Zoom Speed Range

Summary

Get the zoom speed range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25E
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A (0x00)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note

Current parameter is fixed at 0.
The range of the parameters is the same as the range of Zoom Operation.

Zoom Setting

Summary

Get/Set the zoom setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD25F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Optical zoom only
0x02	Smart zoom only
0x03	On: Clear Image Zoom
0x04	On: Digital Zoom

Zoom Type Status

Summary
Get the zoom type status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD260
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Optical Zoom
0x02	Smart Zoom
0x03	Clear Image Zoom
0x04	Digital Zoom

Wireless Flash Setting

Summary
Get/Set the wireless flash setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD262
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	off
0x01	on

Red Eye Reduction

Summary

Get/Set the red eye reduction.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD263
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	off
0x01	on

Remote Control Restriction Status

Summary

Get the remote control restriction status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD264
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disabled (No restrictions)
0x01	Enabled (Not support mode)

Live View Area (x, y)

Summary
Get the live view area (x, y).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD267
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (fixed 0x00000000)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note
The device can get the effective range of live view with this property.
The device must set the coordinates within this range when setting the coordinates with SDIO_SetExtDevicePropValue (0x9205) or SDIO_ControlDevice (0x9207).
The x-coordinate is set in the upper two bytes and the y-coordinate is set in the lower two bytes
This value does not depend on the aspect ratio of the camera.
The current value is not available (fixed 0x00000000).

Still Image Trans Size

Summary
Get/Set the still image trans size.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD268
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Original
0x02	Small Size JPEG

RAW+J PC Save Image

Summary

Get/Set the RAW+J PC save image.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD269
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	RAW & JPEG
0x02	JPEG Only
0x03	RAW Only
0x04	RAW & HEIF
0x05	HEIF Only

Live View Image Quality

Summary

Get/Set the live view image quality.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Low
0x02	High

Note

This device property controls the data size of live view images.
This may affect the width and height of live view images.

Custom WB Capturable Area (x, y)

Summary

Get the custom WB capturable area (x, y).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26B
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (fixed 0x00000000)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The device can get the capturable area of Custom WB Capturing with this property.
The device needs to set coordinates within this range when setting the coordinates with SDIO_SetExtDevicePropValue (0x9205) or SDIO_ControlDevice (0x9207).
The x-coordinate is set in the upper two bytes and the y-coordinate is set in the lower two bytes.
This value does not depend on an aspect ratio of the camera.
The current value is not available (fixed 0x00000000).

Custom WB Capture Frame Size (x, y)

Summary

Get the custom WB capture frame size (x, y).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26C
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (fixed 0x00000000)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

The x-coordinate is set in the upper two bytes and the y-coordinate is set in the lower two bytes.
This value does not depend on the aspect ratio of the camera.
The current value is not available (fixed 0x00000000).

Custom WB Capture Standby Operation

Summary

Get the custom WB capture standby operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Custom WB Capture Standby Cancel Operation

Summary

Get the custom WB capture standby cancel operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Custom WB Capture Operation

Summary

Get the custom WB capture operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD26F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Custom WB Execution State

Summary

Get the custom WB execution state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD270
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid
0x01	Standby
0x02	Capturing
0x03	OperatingCamera

Camera-Setting Save Operation

Summary

Get the camera-setting save operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD271
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Camera-Setting Read Operation

Summary

Get the camera-setting read operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD272
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Camera-Setting Save/Read State

Summary

Get the camera-setting save/read state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD273
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Reading

FTP-Setting Save Operation

Summary

Get the FTP-setting save operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD274
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

FTP-Setting Read Operation

Summary

Get the FTP-setting read operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD275
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

FTP-Setting Save/Read State

Summary

Get the FTP-setting save/read state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD276
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Reading

LiveViewURL

Summary

Get the live view URL.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD278
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	LiveViewURL

Media SLOT1 Format Enable Status

Summary

Get the media format enabled status (SLOT1).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD279
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Media SLOT2 Format Enable Status

Summary

Get the media format enabled status (SLOT2).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD27A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Media Format Progress Rate

Summary

Get the media format progress rate.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD27B
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	Invalid
Other than above values	Progress rate

Note

Calculate the progress rate each time.
e.g.) 0x003600C8 means 27%. (using the following calculations: (0x36 / 0xC8) * 100)

Select FTP Server

Summary

Get/Set the selected FTP server.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD27C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	FTP Server 1
0x02	FTP Server 2
0x03	FTP Server 3
0x04	FTP Server 4
0x05	FTP Server 5
0x06	FTP Server 6
0x07	FTP Server 7
0x08	FTP Server 8
0x09	FTP Server 9

Note

When this device properties changed, the following device properties are changed.
FTP Connection Status (0xD27F)
FTP Connection Error Info (0xD280)

FTP Connection Status

Summary

Get the FTP connection status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD27F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Connecting
0x02	Connected
0x03	Connected (Server certification error)

Value	Description
0x04	Connection Error

Note
When FTP Function is Off, the IsEnable Field is disabled.

FTP Connection Error Info

Summary
Get the FTP connection error info.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD280
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	No Error
0x0001	Camera system error
0x0002	Wi-Fi hardware error
0x0003	Wired LAN hardware error
0x0004	AP is not registered
0x0005	AP is not found(with connection retry)
0x0006	AP connection error
0x0007	AP password error
0x0008	Invalid key or static IP address setting error(WEP)
0x0009	Invalid key or IP address acquisition error(WEP)
0x000a	IP address acquisition error(DHCP)
0x000b	IP address acquisition error(DNS)
0x000c	Airplane mode is on
0x000d	LAN cable error(with connection retry)
0x000e	FTP server setting is not set
0x000f	FTP server registration setting error(User name or password error)
0x0010	FTP server is Severed

Value	Description
0x0011	Certificate verification is not normal
0x0012	Directory create error
0x0013	Authority error related to file handling / FTP server is over capacity
0x0014	Can't recognize USB-LAN conv Adapter
0x0015	Can't recognize the USB tethering device
0x0016	Check the device set of connect Device
0x0017	Failed to connect to server:Reconnecting
0x0018	Can't transfer to FTP server:Reconnecting
0xFFFF	Unknown errors
Above others	Other errors

Note
When FTP Connection Status(0xD27F) is Connection Error(0x0004), this value is Valid.
When FTP Function is Off, the IsEnable Field is disabled.

High Resolution SS Setting

Summary
Get/Set the high resolution SS setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD280
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
0x01	ON

High Resolution Shutter Speed

Summary
Get the high resolution shutter speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD282
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable(UINT64)	min
Variable(UINT64)	max
Variable(UINT64)	step

Note

If current value is 0xFFFFFFFFFFFFFFFF, nothing to display.
The real value of shutter speed (Upper four bytes: numerator, Lower four bytes: denominator)
e.g.) 0x000138810000000A : 0x00013881 (means 80001) / 0x0000000A (means 10) = 8000.1"
Note that the data type is different from Shutter Speed(0xD20D).

Function of Touch Operation

Summary

Get/Set the function of touch operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD283
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Touch Shutter

Value	Description
0x03	Touch Focus
0x04	Touch Tracking
0x05	Touch AE
0x06	Touch Shutter + Touch AE ON
0x07	Touch Shutter + Touch AE OFF
0x08	Touch Focus + Touch AE ON
0x09	Touch Focus + Touch AE OFF
0x0A	Touch Tracking + Touch AE ON
0x0B	Touch Tracking + Touch AE OFF

Remote Touch Operation Enable Status

Summary

Get the remote touch operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD284
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Cancel Remote Touch Operation Enable Status

Summary

Get the cancel remote touch AF operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD285
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Recording Frame Rate Setting (Movie)

Summary

Get/Set the recording frame rate setting (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD286
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	120p (*1)
0x02	100p
0x03	60p (*2)
0x04	50p
0x05	30p (*3)
0x06	25p
0x07	24p (*4)
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x0B	19.98p

Value	Description
0x0C	14.99p
0x0D	12.50p
0x0E	12.00p
0x0F	11.99p
0x10	10.00p
0x11	9.99p
0x12	6.00p
0x13	5.99p
0x14	5.00p
0x15	4.995p
0x16	24.00p
0x17	119.88p
0x41	120i (*1)
0x42	100i
0x43	60i (*2)
0x44	50i
0x45	30i (*3)
0x46	25i
0x47	24i (*4)
0x48	23.98i
0x49	29.97i
0x4A	59.94i
0x4B	19.98i
0x4C	14.99i
0x4D	12.50i
0x4E	12.00i
0x4F	11.99i
0x50	10.00i
0x51	9.99i
0x52	6.00i
0x53	5.99i
0x54	5.00i
0x55	4.995i
0x56	24.00i
0x57	119.88i

Note

Means field frequency.
*1 Actual field frequency might be 119.88 for some cameras.
*2 Actual field frequency might be 59.94 for some cameras.
*3 Actual field frequency might be 29.97 for some cameras.
*4 Actual field frequency might be 23.98 for some cameras.

Compression File Format (Still)

Summary

Get/Set the still image compression format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD287
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	JPEG
0x02	HEIF (4:2:2)
0x03	HEIF (4:2:0)

RAW File Type

Summary

Get/Set the RAW file type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD288
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Compression
0x02	LossLessL
0x03	LossLessM
0x04	LossLessS
0x05	Uncompression
0x06	LossLess
0x07	Compressed(HQ)

Media Slot1 RAW File Type

Summary

Get/Set the RAW file type of media slot 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD289
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Compression
0x02	LossLessL
0x03	LossLessM
0x04	LossLessS
0x05	Uncompression
0x06	LossLess
0x07	Compressed(HQ)

Media Slot2 RAW File Type

Summary

Get/Set the RAW file type of media slot 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Compression
0x02	LossLessL
0x03	LossLessM
0x04	LossLessS
0x05	Uncompression
0x06	LossLess
0x07	Compressed(HQ)

Media Slot1 File Format (Still)

Summary

Get/Set the file format (still) of media slot 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	RAW
0x02	RAW+JPEG
0x03	JPEG

Value	Description
0x04	RAW+HEIF
0x05	HEIF

Media Slot2 File Format (Still)

Summary

Get/Set the file format (still) of media slot 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	RAW
0x02	RAW+JPEG
0x03	JPEG
0x04	RAW+HEIF
0x05	HEIF

Media SLOT1 Image Quality

Summary

Get/Set the image quality of media slot 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Extra Fine
0x02	Fine
0x03	Standard
0x04	Light

Media SLOT2 Image Quality

Summary

Get/Set the image quality of media slot 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Extra Fine
0x02	Fine
0x03	Standard
0x04	Light

Media SLOT1 Image Size

Summary

Get/Set the image size of media slot 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD28F
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	L
0x02	M
0x03	S
0x04	24M
0x05	16M
0x06	13M
0x07	11M
0x08	8.4M
0x09	6.1M
0x0A	6M
0x0B	5.6M
0x0C	4M
0x0D	2.6M
0x0E	21M
0x0F	20M
0x10	10M
0x11	9.2M
0x12	8.7M
0x13	6.9M
0x14	4.6M
0x15	4.1M
0x16	4M
0x17	3.9M
0x18	3.1M
0x19	VGA

Media SLOT2 Image Size

Summary

Get/Set the image size of media slot 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD290
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	L
0x02	M
0x03	S
0x04	24M
0x05	16M
0x06	13M
0x07	11M
0x08	8.4M
0x09	6.1M
0x0A	6M
0x0B	5.6M
0x0C	4M
0x0D	2.6M
0x0E	21M
0x0F	20M
0x10	10M
0x11	9.2M
0x12	8.7M
0x13	6.9M
0x14	4.6M
0x15	4.1M
0x16	4M
0x17	3.9M
0x18	3.1M
0x19	VGA

Media SLOT1 Quick Format Enable Status

Summary

Get the media quick format enabled status (slot 1).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD292
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Media SLOT2 Quick Format Enable Status

Summary

Get the media quick format enabled status (slot 2).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD293
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Cancel Media Format Enable Status

Summary

Get the cancel media format enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD294
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Contents Transfer Enable Status

Summary

Get the contents transfer enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD295
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Save Zoom and Focus Position

Summary
Get the save zoom and focus position enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD297
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A (0x00)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00 ～ 0xFF	Save slot number

Note
Current parameter is N/A

Load Zoom and Focus Position

Summary
Get the load zoom and focus position enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD298
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A (0x00)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00 ～ 0xFF	Load slot number

Note
Current parameter is N/A

Remote Control Zoom Speed Type

Summary
Get/Set the remote control zoom speed type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD299
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid
0x01	Variable
0x02	Fixed

APS-C or Full Switching Setting

Summary
Get the APS-C or full switching setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Full
0x02	APS-C

APS-C or Full Switching Enable Status

Summary

Get the APS-C or full switching status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Movie Rec Self timer

Summary

Get/Set the movie record self timer.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
0x01	ON

Movie Rec Self timer Count time

Summary

Get/Set the movie record self timer count time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29D
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Do not perform a countdown
Other than above values	The real value of Self timer Count time e.g.) 0x0003 = 3 sec e.g.) 0x0005 = 5 sec e.g.) 0x000A = 10 sec

Paint/Look Multi Matrix Area Indication

Summary

Get/Set the paint/look multi matrix area indication.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Movie Rec Self timer Continuous

Summary

Get/Set the movie record self timer continuous.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD29F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
0x01	ON

Movie Rec Self timer Status

Summary

Get the movie record self timer status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Counting down

Note

When “Movie Rec Self timer” is Off, the IsEnable Field is disabled.

Focus Bracket Shot Num

Summary

Get/Set the focus bracket shot number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A1
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
1	step

Note

The unit is the number of shots. Variable follows model specifications.

Focus Bracket Focus Range

Summary

Get/Set the focus bracket focus range.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
1	step

Note

Variable follows model specifications.

Bulb Timer Setting

Summary

Get/Set the bulb timer setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	OFF
0x01	ON

Note

This property is valid when Shutter Speed is “BULB.”

Bulb Exposure Time Setting

Summary

Get/Set the bulb exposure time setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A5
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

This property is valid when Bulb Timer Setting is “ON.”

Elapsed Bulb Exposure Time

Summary

Get the elapsed bulb exposure time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A6
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Note

This property is valid when Bulb Timer Setting is “OFF.”

Remaining Bulb Exposure Time

Summary

Get the remaining bulb exposure time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A7
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Note

This property is valid when Bulb Timer Setting is “ON.”

Remaining Noise Reduction Time

Summary

Get the remaining noise reduction time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A8
Datatype	2	2	UINT16	0x0006(UINT32)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
0x00000001	step

Monitor LUT Setting Output Dest Assign

Summary

Get the Monitor LUT Setting Output Dest Assign

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2A9
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value changes depending on the current operation request status. e.g.) 0x00001801= Monitor LUT Setting1 (SDI/HDMI) 0x00002602= Monitor LUT Setting2 (VF/Proxy/LiveView) 0x00008003= Monitor LUT Setting3 (Internal Rec)

Note

The value list is Represented by a combination of the following parameters.

Field name	Field order	Size(bit)
Monitor LUT Setting number	bit[0-7]	8
Output dest(ALL)	bit[8]	1
Output dest(LiveView)	bit[9]	1

Field name	Field order	Size(bit)
Output dest(Proxy)	bit[10]	1
Output dest(HDMI)	bit[11]	1
Output dest(SDI)	bit[12]	1
Output dest(VF)	bit[13]	1
Output dest(LCD)	bit[14]	1
Output dest(Internal Rec)	bit[15]	1
Output dest(SDI2)	bit[16]	1
Output dest(Stream)	bit[17]	1
Reserved	bit[18-31]	14

Monitor LUT Setting Output Dest information is set in the list of form flags.

Monitor LUT Setting 1

Summary

Get/Set the Monitor LUT Setting 1

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note

Get the list of Monitor LUT output destinations with Monitor LUT Setting Output Dest.

Monitor LUT Setting 2

Summary

Get/Set the Monitor LUT Setting 2

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note

Get the list of Monitor LUT output destinations with Monitor LUT Setting Output Dest.

Monitor LUT Setting 3

Summary

Get/Set the Monitor LUT Setting 3

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note

Get the list of Monitor LUT output destinations with Monitor LUT Setting Output Dest.

AF Track for Speed Change

Summary

Get/Set the AF Track for Speed Change

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Stable
0x02	Standard
0x03	Responsive

Monitoring Output Display Setting Dest Assign

Summary

Get the Monitoring Output Display Dest Assign

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AE
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value changes depending on the current operation request status. e.g.) 0x00000101= Monitoring Output Display Setting1 (SDI1) 0x00000E02= Monitoring Output Display Setting2 (SDI2/HDMI/Stream)

Note
The value list is Represented by a combination of the following parameters.

Field name	Field order	Size(bit)
Monitoring Output Display Setting number	bit[0-7]	8
Output Dest (SDI1)	bit[8]	1
Output Dest (SDI2)	bit[9]	1
Output Dest (HDMI)	bit[10]	1
Output Dest (Stream)	bit[11]	1
Reserved	bit[12-63]	52

Monitoring Output Display Setting Dest information is set in the list of form flags. Superimposes on screen displays such as menus and status on the output signal.

Monitoring Output Display Setting 1

Summary
Get/Set the Monitoring Output Display Setting 1

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2AF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note
Get the list of Monitoring Output Display Setting destinations with Monitoring Output Display Setting Dest Assign.

Monitoring Output Display Setting 2

Summary
Get/Set the Monitoring Output Display Setting 2

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2B0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note

Get the list of Monitoring Output Display Setting destinations with Monitoring Output Display Setting Dest Assign.

UserBaseLook Output

Summary

Get/Set the UserBaseLook output.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2B1
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	BT.709
0x0002	BT.709(Legal)
0x0101	HLG
0x0102	HLG(Legal)

Note
Set “UserBaseLook Output” for the UserBaseLook selected in Select UserBaseLook to Edit.

Play Set of Multi. Media

Summary
Get/Set the Play Set of Multi. Media

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2B2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	SLOT1
0x02	SLOT2

Video Stream Bit Rate VBR Mode

Summary
Get/Set the Video Stream Bit Rate VBR Mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2B3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard

Value	Description
0x02	Bit Rate Limit

Recording File Number (Movie)

Summary

Get/Set the recording file number (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2B5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Reset
0x02	Series

Flicker Scan Status

Summary

Get the flicker scan status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2BA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid

Value	Description
0x01	Idle
0x02	Flicker scanning

Flicker Scan Enable Status

Summary

Get the flicker scan enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2BB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Tele/Wide Lever Value capability

Summary

Get the tele/wide lever value capability.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2BD
Datatype	2	2	UINT16	0x0001(INT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A (0x00)
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Valiable	min
Valiable	max
Valiable	step

Target Streaming Destination Select

Summary

Get/Set the Target Streaming Destination Select

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2BE
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Video Stream 1
0x02	Video Stream 2
0x03	Video Stream 3
0x04	Video Stream 4
0x05	Video Stream 5
0x06	Video Stream 6
0x07	Video Stream 7
0x08	Video Stream 8
0x09	Video Stream 9
0x0A	Video Stream 10
0x0B	Video Stream 11
0x0C	Video Stream 12
0x0D	Video Stream 13
0x0E	Video Stream 14
0x0F	Video Stream 15
0x10	Video Stream 16

Stream Display Name

Summary

Get/Set the Stream Display Name

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2BF
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Setting Name (Min Length: 1, Max Length: 16)

Note

The Display Names that are attached to all Video Streams can be read out at once by using the SDIO_GetDisplayStringList.
The Stream Display Name has a string of one or more characters. If any other length is set, it will be ignored.

Video Stream Max Bit Rate

Summary

Get/Set the Video Stream Max Bit Rate

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xD2C0
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min

Value	Description
Variable	max
Variable	step

Note
Unit is kbps. Set the max value of the bit rate when VBR Mode is Bit Rate Limit.

Movie Shooting Mode

Summary
Get/Set the movie shooting mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE000
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x00 0 0
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	OFF
0x0101	SDR
0x0201	HDR
0x0301	CineEI
0x0302	CineEI Quick
0x0401	Custom
0x0501	FlexibleISO

Movie Shooting Mode Color Gamut

Summary
Get/Set the movie shooting mode color gamut.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE001
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S-Gamut3.Cine
0x02	S-Gamut3

Note

See the SDIO_GetDisplayStringList for display character.

Movie Shooting Mode Target Display

Summary

Get/Set the movie shooting mode target display.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE002
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	BT.709
0x02	BT.2020

Note

See the SDIO_GetDisplayStringList for display character.

Focus TouchSpot Status

Summary

Get the focus TouchSpot status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE004
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Stopped
0x02	Running

Focus Tracking Status

Summary

Get the focus tracking status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE005
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Focusing
0x03	Tracking

Shutter ECS Setting

Summary

Get/Set the shutter ECS setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE006
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Shutter ECS Number

Summary

Get/Set the shutter ECS number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE007
Datatype	2	2	UINT16	0x0003(INT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	INT16	0x0000
CurrentValue	6	2	INT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Shutter ECS Frequency

Summary

Get/Set the shutter ECS frequency.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE008
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Depth of Field Adjustment Mode

Summary

Get/Set the depth of field adjustment mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE009
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Depth of Field Adjustment Interlocking Mode State

Summary

Get the depth of field adjustment interlocking mode state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	ND interlocking mode
0x02	Gain interlocking mode

Recorder Clip Name

Summary

Get recorder clip name create by the next recording.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00B
Datatype	2	2	UINT16	0xFFFF(STR)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5		STR	""
CurrentValue	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description
String	Clip Name

Recorder Control Main Setting

Summary

Get the recorder control main setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Rec Disable
0x01	Rec Enable

Note

Indicates on/off status of the record function.

Recorder Control Proxy Setting

Summary

Get/Set the recorder control proxy setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Rec Disable
0x01	Rec Enable

Note

Indicates on/off status of the record function.

Recorder Start Main

Summary

Get the recorder start main.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Rec Start Disable
0x01	Rec Start Enable

Note

Indicate the recordable status.

Recorder Start Proxy

Summary

Get the recorder start proxy.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE00F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Rec Start Disable

Value	Description
0x01	Rec Start Enable

Note
Indicate the recordable status.

Recorder Main Status

Summary
Get the recorder main status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE010
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Ready
0x02	PreparingToRecord
0x03	Standby
0x04	Recording
0x05	Stopping

Recorder Proxy Status

Summary
Get the recorder proxy status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE011
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Ready
0x02	PreparingToRecord
0x03	Standby
0x04	Recording
0x05	Stopping

Recorder Ext Raw Status

Summary

Get the recorder ext raw status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE012
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Idle
0x01	Ready
0x02	PreparingToRecord
0x03	Standby
0x04	Recording
0x05	Stopping

Recorder Save Destination

Summary
Get the information of recorder save destination.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE013
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	External
0x0010	Internal
0x0011	External & Internal

Note
“External” is only external output. It does not matter whether it is saved or not.

Button Assignment Assignable.1

Summary
Get/Set the button assignment assignable 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE014
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.2

Summary

Get/Set the button assignment assignable 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE015
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8

Value	Description
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.3

Summary
Get/Set the button assignment assignable 3.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE016
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.4

Summary
Get/Set the button assignment assignable 4.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE017
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.5

Summary

Get/Set the button assignment assignable 5.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE018
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.6

Summary

Get/Set the button assignment assignable 6.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE019
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8

Value	Description
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.7

Summary
Get/Set the button assignment assignable 7.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.8

Summary
Get/Set the button assignment assignable 8.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.9

Summary

Get/Set the button assignment assignable 9.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment Assignable.10

Summary

Get/Set the button assignment assignable 10.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8

Value	Description
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

Button Assignment LensAssignable.1

Summary
Get/Set the button assignment LensAssignable 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with SDIO_GetDisplayStringList.

SceneFile Index

Summary
Get/Set the SceneFile index.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE01F
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	None
0x00000001	Scene 1
0x00000002	Scene 2
0x00000003	Scene 3
0x00000004	Scene 4
0x00000005	Scene 5
0x00000006	Scene 6
0x00000007	Scene 7
0x00000008	Scene 8
0x00000009	Scene 9

Note

It may increase or decrease because it varies depending on the model and setting status.
Refer to SceneFile.Name.DisplayList in SDIO_GetDisplayStringList for display name.

Current SceneFile Edited

Summary

Get the current SceneFile edited info.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE020
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Unedited
0x02	Edited

Movie Play Button

Summary

Get/Set the movie play button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE021
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Play Pause Button

Summary

Get/Set the movie play pause button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE022
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Play Stop Button

Summary

Get/Set the movie play stop button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE023
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Forward Button

Summary

Get/Set the movie forward button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE024
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Rewind Button

Summary

Get/Set the movie rewind button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE025
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Next Button

Summary

Get/Set the movie next button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE026
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Prev Button

Summary

Get/Set the movie prev button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE027
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie RecReview Button

Summary

Get/Set the movie RecReview button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE028
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 1

Summary

Get/Set the assignable button 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE029
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 2

Summary

Get/Set the assignable button 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02A
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 3

Summary

Get/Set the assignable button 3.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02B
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 4

Summary

Get/Set the assignable button 4.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 5

Summary

Get/Set the assignable button 5.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02D
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 6

Summary

Get/Set the assignable button 6.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 7

Summary

Get/Set the assignable button 7.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE02F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 8

Summary

Get/Set the assignable button 8.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE030
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 9

Summary

Get/Set the assignable button 9.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE031
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button 10

Summary

Get/Set the assignable button 10.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE032
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

LensAssignable Button 1

Summary

Get/Set the lens assignable button 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE033
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x00
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button Indicator 1

Summary

Get the assignable button indicator 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE035
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 2

Summary

Get the assignable button indicator 2.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE036
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 3

Summary

Get the assignable button indicator 3.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE037
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 4

Summary

Get the assignable button indicator 4.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE038
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 5

Summary

Get the assignable button indicator 5.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE039
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 6

Summary

Get the assignable button indicator 6.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 7

Summary

Get the assignable button indicator 7.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 8

Summary

Get the assignable button indicator 8.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 9

Summary

Get the assignable button indicator 9.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Assignable Button Indicator 10

Summary

Get the assignable button indicator 10.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

LensAssignable Button Indicator 1

Summary

Get the lens assignable button indicator 1.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE03F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Zoom Position Setting

Summary

Get/Set the absolute zoom position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE040
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
0x0001	step

Note

This command sets the target value to CurrentValues. See Zoom Position Current Value for the CurrentValue.

Zoom Position Current Value

Summary

Get the absolute zoom position current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE041
Datatype	2	2	UINT16	0x0004(UINT16)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
0x0001	step

Focus Position Setting

Summary

Get/Set the absolute foucus position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE042
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Note

This command sets the target value to CurrentValues.
See "Focus Position Current Value" for the CurrentValue.

Focus Position Current Value

Summary

Get the absolute foucus position current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE043
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Focus Mode status

Summary

Get the focus mode status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE044
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Focus Hold
0x02	MF Operation
0x03	AF Operation (AF-S/AF-C)

Focus Operation with INT16 Enable Status

Summary

Get the focus operation with INT16 enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE045
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Audio Input CH1 Level Control

Summary

Get/Set the audio input CH1 level control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE048
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Audio Input CH2 Level Control

Summary

Get/Set the audio input CH2 level control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE049
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Audio Input CH3 Level Control

Summary

Get/Set the audio input CH3 level control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Audio Input CH4 Level Control

Summary

Get/Set the audio input CH4 level control.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Audio Input CH1 Level

Summary

Get/Set the audio input CH1 level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04C
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Audio Input CH2 Level

Summary

Get/Set the audio input CH2 level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04D
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Audio Input CH3 Level

Summary

Get/Set the audio input CH3 level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Audio Input CH4 Level

Summary

Get/Set the audio input CH4 level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE04F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Audio Input Master Level

Summary

Get/Set the audio input master level.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE050
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Audio Input CH1 Input Select

Summary

Get/Set the audio input CH1 input select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE051
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	variable
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	INPUT1
0x03	INPUT2
0x04	Internal MIC
0x05	Shoe CH1
0x06	Shoe CH2
0x07	Stereo Mic Jack (L)
0x08	Stereo Mic Jack (R)

Audio Input CH2 Input Select

Summary

Get/Set the audio input CH2 input select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE052
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	variable
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	INPUT1
0x03	INPUT2
0x04	Internal MIC
0x05	Shoe CH1
0x06	Shoe CH2
0x07	Stereo Mic Jack (L)
0x08	Stereo Mic Jack (R)

Audio Input CH3 Input Select

Summary

Get/Set the audio input CH3 input select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE053
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	variable
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	INPUT1
0x03	INPUT2
0x04	Internal MIC
0x05	Shoe CH1
0x06	Shoe CH2
0x07	Stereo Mic Jack (L)
0x08	Stereo Mic Jack (R)

Audio Input CH4 Input Select

Summary

Get/Set the audio input CH4 input select.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE054
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	variable
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	INPUT1
0x03	INPUT2
0x04	Internal MIC
0x05	Shoe CH1
0x06	Shoe CH2
0x07	Stereo Mic Jack (L)
0x08	Stereo Mic Jack (R)

Audio Input CH1 Wind Filter

Summary

Get/Set the audio input CH1 wind filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE055
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Audio Input CH2 Wind Filter

Summary

Get/Set the audio input CH2 wind filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE056
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Audio Input CH3 Wind Filter

Summary

Get/Set the audio input CH3 wind filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE057
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Audio Input CH4 Wind Filter

Summary

Get/Set the audio input CH4 wind filter.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE058
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Audio Output HDMI Monitor CH

Summary

Get/Set the audio output HDMI monitor CH.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE059
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0003	CH1/CH2
0x000C	CH3/CH4

Note

Audio output channels are assigned in order from the lowest bit.
CH1 is the 0th bit, CH2 is the 1st bit, CH3 is the 2nd bit, and CH4 is the 3rd bit.
Examples:
When setting CH1/CH2, the 0th and the 1st bit are 1, which is 0x0003.
When setting CH3/CH4, the 2nd and the 3rd bit are 1, which is 0x000C.

Pan-Tilt Acceleration Ramp Curve

Summary

Get/Set the pan-tilt acceleration ramp curve.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE05C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Invalid
Other than above values	The real value of Acceleration deceleration setting.

Remote Key Thumbnail Button

Summary

Get/Set the thumbnail button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE05F
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key SLOT Select Button

Summary

Get/Set the slot select button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE060
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Rec Button (Toggle) Enable Status

Summary

Get the movie recording button (toggle) enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE061
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Video Rec Format Bitrate Setting

Summary

Get/Set the video recording format bitrate setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE067
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	Variable
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	None
Other than above values	The real value of Video Rec Format Bitrate (Mbps).

Note

e.g) 0x0023(35Mbps)

Valid Rec Video Format

Summary

Get the valid recording video format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE068
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	---
0x00000001	1920×1080P
0x00000101	1920×1080P 35
0x00000201	1920×1080P 50
0x00000002	3840×2160P
0x00000003	4096×2160P
0x00000004	1280×720P
0x00010001	1920×1080i

Note

Valid Rec Video Format is Represented by a combination of the following parameters. This command use to get Valid Video Rec Format list.

Field name	Field order	Size(bit)
Resolution	bit[0]-[7]	8
Bitrate	bit[8]-[15]	8
Scan Line Type	bit[16]	1
Reserved	bit[17-31]	15

Value bit[0]-[7] Resolution

Value	Description
0x01	1920×1080
0x02	3840×2160
0x03	4096×2160
0x04	1280×720

Value bit[8]-[15] Bitrate

Value	Description
0x00	None
0x01	35Mbps
0x02	50Mbps

Value bit[16] Scan Line Type

Value	Description
0b0	Progressive
0b1	Interlace

Monitoring Output Format

Summary

Get/Set the monitoring output format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE06C
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value list changes depending on the current camera settings.

Note

Valid Rec Video Format is Represented by a combination of the following parameters. This command use to get Valid Video Rec Format list.

Field name	Field order	Size(Byte)	Datatype
Reserved	1	1	UINT8
Resolution (SDI2)	2	1	UINT8
Resolution (SDI)	3	1	UINT8
Resolution (HDMI)	4	1	UINT8

Resolution

Value	Description
0x00	---
0x01	59.94:720×480P 50:720×576P
0x02	1920×1080i
0x03	1920×1080i (PsF)
0x04	1920×1080P
0x05	1920×1080P (Level A)
0x06	1920×1080P (Level B)
0x07	3840×2160P
0x08	4096×2160P
0x09	1280×720P

Example of Output Format Value.
0x00000808 = [SDI] 4096x2160P [HDMI] 4096x2160P
0x00000804 = [SDI] 4096x2160P [HDMI] 1920x1080P
0x00000707 = [SDI] 3840x2160P [HDMI] 3840x2160P
0x00000704 = [SDI] 3840x2160P [HDMI] 1920x1080P
0x00000404 = [SDI] 1920x1080P [HDMI] 1920x1080P
0x00000302 = [SDI] 1920x1080P(PsF) [HDMI] 1920x1080i
0x00050007 = [SDI2] 1920×1080P(Level A) [SDI1] -- [HDMI] 3840x2160P
0x00050704 = [SDI2] 1920×1080P(Level A) [SDI1] 3840x2160P [HDMI] 1920x1080P
0x00090909 = [SDI2] 1280×720P [SDI1] 1280×720P [HDMI] 1280×720P

AF Area Position(x,y) (AF-C)

Summary

Get/Set the AF area position (x,y) for AF-C.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE079
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
1	step

Note

The x coordinate is set in the upper two bytes and the y coordinate is set in the lower two bytes
If AF area position (x) is 150, (y) is 100, set 0x00960064. 0x0096 = 0d150, 0x0064 = 0d100
The range of X is 0～639 (0x027F), and the range of Y is 0～479 (0x01DF).

Image Stabilization Level (Movie)

Summary

Get/Set the image stabilization level (movie).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE080
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Low
0x03	High

Control General SettingFile Enable Status

Summary

Get the control general SettingFile enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE081
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Movie Trimming Transfer Support Information

Summary

Get the movie trimming transfer support information.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE082
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x00000000
CurrentValue	6	8	UINT64	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	

Note

The value list is Represented by a combination of the following parameters.

Field	Field Order	Size (bit)
Extension Value	bit[0-7]	8
VideoCodecValue	bit[8-39]	32
FrameRate	bit[40-47]	8
RestrictionFrame	bit[48-55]	8
Reserved	bit[46-63]	8

Value bit[0-7] Extension Value

Value	Description
0x01	MXF
0x02	MP4

See the SDIO_GetDisplayStringList for display character.

Value bit[8-39] VideoCodecValue

Value	Description
0x0107020C	AVC_1920_1080_HP@L4
0x0107020D	AVC_1920_1080_HP@L41
0x0107020E	AVC_1920_1080_HP@L42
0x010A0210	AVC_3840_2160_HP@L51
0x010A0211	AVC_3840_2160_HP@L52
0x010A0510	AVC_3840_2160_H422IP@L51
0x010A0511	AVC_3840_2160_H422IP@L52
0x010B0510	AVC_4096_2160_H422IP@L51
0x010B0511	AVC_4096_2160_H422IP@L52
0x0207040D	AVC25_1920_1080_H422P@L41
0x0307040D	AVC35_1920_1080_H422P@L41
0x0307040E	AVC35_1920_1080_H422P@L42
0x0405040D	AVC50_1280_720_H422P@L41
0x0407040D	AVC50_1920_1080_H422P@L41
0x0407040E	AVC50_1920_1080_H422P@L42
0x0507050D	AVC100_1920_1080_H422IP@L41
0x0507050E	AVC100_1920_1080_H422IP@L42
0x0507050F	AVC100_1920_1080_H422IP@L5
0x050A0410	AVC100_3840_2160_H422P@L51
0x060A0410	AVC140_3840_2160_H422P@L51
0x070A0411	AVC200_3840_2160_H422P@L52
0x0D05050D	AVC100CBG_1280_720_H422IP@L41
0x0D07050D	AVC100CBG_1920_1080_H422IP@L41
0x0D07050E	AVC100CBG_1920_1080_H422IP@L42
0x130A061D	HEVC_3840_2160_M42210P@L5HT
0x130A061E	HEVC_3840_2160_M42210P@L51HT
0x130A081D	HEVC_3840_2160_M10P@L5HT
0x130A081E	HEVC_3840_2160_M10P@L51HT
0x140C0716	HEVCSQ_7680_4320_M42210IP@L61HT
0x140D0716	HEVCSQ_8192_4320_M42210IP@L61HT
0x150C0716	HEVCHQ_7680_4320_M42210IP@L61HT
0x150D0716	HEVCHQ_8192_4320_M42210IP@L61HT
0x160C0616	HEVC520_7680_4320_M42210P@L61HT

See the SDIO_GetDisplayStringList for display character.

Value bit[40-47] FrameRate

Value	Description
0x01	120p (*1)
0x02	100p
0x03	60p (*2)
0x04	50p
0x05	30p (*3)
0x06	25p
0x07	24p (*4)
0x08	23.98p
0x09	29.97p
0x0A	59.94p
0x0B	19.98p
0x0C	14.99p
0x0D	12.50p
0x0E	12.00p
0x0F	11.99p
0x10	10.00p
0x11	9.99p
0x12	6.00p
0x13	5.99p
0x14	5.00p
0x15	4.995p
0x16	24.00p
0x17	119.88p
0x41	120i (*1)
0x42	100i
0x43	60i (*2)
0x44	50i
0x45	30i (*3)
0x46	25i
0x47	24i (*4)
0x48	23.98i
0x49	29.97i
0x4A	59.94i
0x4B	19.98i
0x4C	14.99i
0x4D	12.50i

Value	Description
0x4E	12.00i
0x4F	11.99i
0x50	10.00i
0x51	9.99i
0x52	6.00i
0x53	5.99i
0x54	5.00i
0x55	4.995i
0x56	24.00i
0x57	119.88i

Means field frequency. See the SDIO_GetDisplayStringList for display characters.
*1 The actual field frequency may be 119.88 for some cameras.
*2 The actual field frequency may be 59.94 for some cameras.
*3 The actual field frequency may be 29.97 for some cameras.
*4 The actual field frequency may be 23.98 for some cameras.

Value bit[48-55]RestrictionFrame

Value	Description
0x00	Invalid
Other than above values	The real value of Restriction Frame ex) 0x03 -> Restriction Frame = 3

Function of Remote Touch Operation

Summary

Get/Set the function of remote touch operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE083
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Tracking AF

Value	Description
0x02	Spot AF
0x03	AF Area Select

AF Assist

Summary
Get/Set the AF assist.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE084
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Lens Information Enable Status

Summary
Get the lens information enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE086
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Follow Focus Position Setting

Summary

Get/Set the follow focus position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE088
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Note

This command sets the target value to CurrentValue.
Refer to “Follow Focus Position Current Value” for the CurrentValue.
In some models, the current follow focus position is retrieved instead of the previously requested value.
Perform an operational check when using the camera.

Follow Focus Position Current Value

Summary

Get the follow focus position current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE089
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000	min
0xFFFF	max
0x0001	step

Button Assignment Assignable.11

Summary

Get/Set the button assignment assignable 11.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE08D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Function 1
0x02	Function 2
0x03	Function 3
0x04	Function 4
0x05	Function 5
0x06	Function 6
0x07	Function 7
0x08	Function 8
0x09	Function 9

Note
It may increase or decrease because it varies depending on the model and setting status.
Get the list of assignable button functions with "SDIO_GetDisplayStringList"

Assignable Button 11

Summary
Get/Set the assignable button 11.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE08E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Assignable Button Indicator 11

Summary
Get the assignable button indicator 11.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE08F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Focus Speed Direct Sync

Summary

Get/Set the focus speed direct sync.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE092
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

The focus speed is set in the upper 16bits and the focus position is set in the lower 16bits.
The focus speed and position ranges (Min/Max/Step values) are separated. Set the range value for each.
If the focus speed is 2048 and the position is 4096, set 0x08001000. (0x0800 = 0d2048, 0x1000 = 0d4096)

Movie Quality FullAuto Mode

Summary

Get/Set the movie quality FullAuto mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0A0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF (Manual)
0x02	ON (Auto)

De-Squeeze Display Ratio

Summary

Get/Set the De-Squeeze Display Ratio

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0A4
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value is obtained by multiplying a real De-Squeeze display ratio value by 1000. e.g.) 0x03E8 = 1000 (x1.0) 0x0514 = 1300 (x1.3) 0x05DC = 1500 (x1.5) 0x07D0 = 2000 (x2.0)

IR Remote Setting

Summary

Get/Set whether the operation from the infrared remote control is turned on.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0A5
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

IP Setup Protocol Setting

Summary

Get/Set whether the setting via the IP Setup Protocol is turned on.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0A6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Movie Rec Review Playing State

Summary

Get the movie recording review playing state.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE07A
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Not Playing
0x01	Playing

Audio Input1 Type Select

Summary

Get/Set the Audio Input1 Type Select

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0AA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	MIC
0x02	LINE

Audio Input2 Type Select

Summary

Get/Set the Audio Input2 Type Select

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0AB
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	MIC
0x02	LINE

Camera Power Status

Summary

Get the Camera Power Status

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0AF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	Standby
0x03	Power On
0x04	Transitioning from PowerOn to Standby
0x05	Transitioning from Standby to Power On

Recordable Power Sources

Summary

Get all power source kinds on which the recording function is available.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B0
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	N/A
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description

Note

The same values as the Power Source. The supported values of this device property tell on which power source your camera can record internally. Refer to the device property Power Source to know the current power source.

Video Rec Format Quality

Summary

Get/Set the Recording quality

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B5
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Level1
0x0002	Level2
0x0003	Level3

Pan Position Current Value

Summary

Get the pan position current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B6
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	INT32	0x00000000
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

Angle unit is 0.000001 degree.

Pan Position Status

Summary

Get the pan position Status

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B7
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	idle
0x0002	moving
0x0003	unknown
0x0004	uninitialized

Note

When there is an obstruction to PT operation, or an error occurs in the Pan mechanism, this status returns “Unknown”. In some cases, the PanTilt Reset operation may restore functionality.

Tilt Position Current Value

Summary

Get the tilt position current value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B8
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	INT32	0x00000000
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

Angle unit is 0.000001 degree.

Tilt Position Status

Summary

Get the tilt position Status

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0B9
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	idle
0x0002	moving
0x0003	unknown
0x0004	uninitialized

Note

When there is an obstruction to PT operation, or an error occurs in the Pan mechanism, this status returns “Unknown”. In some cases, the PanTilt Reset operation may restore functionality.

Pan Limit Range Minimum

Summary

Get/Set the Pan Limit Range Minimum

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BA
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	INT32	0x00000000
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Angle unit is 0.000001 degree.
It is possible to set the Minimum DP higher than the Maximum, but in that case, the Maximum value will be automatically adjusted to be higher than the Minimum, and vice versa.

Pan Limit Range Maximum

Summary
Get/Set the Pan Limit Range Maximum

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BB
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	INT32	0x00000000
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note
Angle unit is 0.000001 degree.
Please refer to the note section of Pan Limit Range Minimum device property.

Tilt Limit Range Minimum

Summary
Get/Set the Tilt Limit Range Minimum

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BC
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	INT32	0x00000000

Field	Field Order	Size (Bytes)	Datatype	Value
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Angle unit is 0.000001 degree.
Please refer to the note section of Pan Limit Range Minimum device property.

Tilt Limit Range Maximum

Summary

Get/Set the Tilt Limit Range Maximum

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BD
Datatype	2	2	UINT16	0x0005(INT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	INT32	0x00000000
CurrentValue	6	4	INT32	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Angle unit is 0.000001 degree.
Please refer to the note section of Pan Limit Range Minimum device property.

Pan Limit Mode

Summary
Get/Set the Pan Limit Mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Tilt Limit Mode

Summary
Get/Set the Tilt Limit Mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0BF
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

ControlPTZF Binary Version

Summary

Get the enabled status and ControlPTZF command binary version.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0C0
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT16	0x0000
CurrentValue	6	4	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	ControlPTZF Binary Version

Note

The Binary Version required in SDIO_ControlPTZF can be obtained with this DP.
The Binary Version is 1.00; the value is 0x0064. (0d100)
When the IsEnable field is not False(0x00), the ControlPTZF feature can be controlled.

Preset PTZF Number of Slots

Summary

Get the Preset PTZF Number of Slots.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0CB
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min

Value	Description
variable	max
variable	step

SetPresetPTZF Binary Version

Summary

Get the enabled status and SetPresetPTZF command binary version.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0CC
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	SetPresetPTZF Binary Version

Note

This device property indicates the version number of the SetPresetPTZF data structure, which is used by the SDIO_SetPresetPTZF command. If the supported version is 1.00, the actual version value multiplied by 100 (e.g., 0x0064 = 100 (decimal)) is set in this device property.

Enlarge Screen Setting

Summary

Get/Set the Enlarge Screen Setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0CD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Live View Image Quality by Numerical Value

Summary

Get/Set the quality of live view images by a numerical value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0CE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note

This device property controls the quality (compression level) of live-view images. This quality never affects the width and height of live view images, while Live View Image Quality does. A higher value indicates better image quality.

Red Tally Lamp Control

Summary

Get/Set the Red Tally Lamp Control

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D2
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Green Tally Lamp Control

Summary

Get/Set the Green Tally Lamp Control

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D3
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Yellow Tally Lamp Control

Summary

Get/Set the Yellow Tally Lamp Control

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Debug Mode

Summary

Get/Set the Debug Mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D5
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	Pseudo-update with Fake Firmware

Note

This Device Porperty is only for users to debug their applications. The value should be set to 0x01(OFF) except during debugging.

Wind Noise Reduct for External Mic.

Summary

Get/Set the wind noise reduction for the external microphone.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D6

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Noise Cut Filter

Summary

Get/Set the lens noise reduction

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D7
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Noise Cut Filter for External Mic.

Summary

Get/Set the lens noise reduction for the external microphone.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D8

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

ContentInfoList update time (SLOT1)

Summary

Get the media slot 1 ContentInfoList update time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0D9
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	UnixTime(ms) UTC

ContentInfoList update time (SLOT2)

Summary

Get the media slot 2 ContentInfoList update time.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0DA
Datatype	2	2	UINT16	0x0008(UINT64)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	UnixTime(ms) UTC

CompRAW Shooting HDR

Summary

Get/Set the CompRAW shooting HDR.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0DB
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

CompRAW Shooting HDR DR Setting

Summary

Get/Set the CompRAW shooting HDR DR Setting

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0DC
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Level1
0x02	Level2
0x03	Level3
0x80	AUTO

CompRAW Shooting HDR RAW File Type

Summary

Get/Set the CompRAW shooting HDR RAW file type.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0DD
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Compression
0x02	LossLessL
0x03	LossLessM
0x04	LossLessS
0x05	Uncompression
0x06	LossLess
0x07	Compressed(HQ)

CompRAW Shooting HDR Number of Sheets

Summary

Get/Set the CompRAW shooting HDR number of sheets.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0DE
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT16	0x0000
CurrentValue	6	1	UINT16	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0000	Invalid
Other than the above values	The real value of CompRAW Shooting NR Number of Sheets e.g.) 0x0004 = 4 sheets e.g.) 0x0008 = 8 sheets e.g.) 0x0010 = 16 sheets

Call Setting

Summary

Get/Set the Call Setting

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E1
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Note
This command is used to control the display of CALL information.

Manual Input for ND Filter Value

Summary
Get/Set the manual input value of the ND filter

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E2
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFFFFFFFFFFFFFFFF	nothing to display.
Other than above values	The real value of ND Filter (Upper four bytes: numerator, Lower four bytes: denominator)

Note
This value is expressed in transmittance.

Log Shooting Mode (Still)

Summary
Get/Set the still image log shooting mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E3
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x00 0 0
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	OFF
0x0501	FlexibleISO

Log Shooting Mode Color Gamut (Still)

Summary

Gets/Set the color gamut for the still image log shooting mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Set/Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	S-Gamut3.Cine
0x02	S-Gamut3

ND Filter Position Setting

Summary

Get/Set the the nd filter position with a absolute value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E5
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
variable	min
variable	max
variable	step

Note

The transmittance of the ND filter can be calculated as follows.
transmittance = 2 ^ ((（PTP Value） - 0x7FFF) / 0x1000)

SceneFile Command Version

Summary

Get the enabled status and dataset version (SceneFile).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0E6
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Dataset Version

Note

ex) The Dataset Version is 0x00000064 (0d100).
When SceneFile feature is invalid, IsEnable field is disabled.

Eframing Tracking Start Mode

Summary

Get/Set the eframing tracking start mode

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F0
Datatype	2	2	UINT16	0x0002(UINT8)

Field	Field Order	Size (Bytes)	Datatype	Value
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Auto
0x02	Manual

Eframing Production Effect

Summary

Get/Set the eframing production effect

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F1
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Off
0x0002	Interval Zoom In/Out (15sec)
0x0003	Interval Zoom In/Out (30sec)

DeleteContent Operation Enable Status (SLOT1)

Summary

Get the DeleteContent Operation Enable Status（SLOT1）

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F3

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

DeleteContent Operation Enable Status (SLOT2)

Summary

Get the DeleteContent Operation Enable Status（SLOT2）

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F4
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Different Set for S&Q/Mv

Summary

Get/Set the Different Set for S&Q/Mv

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F5

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	ON (Different)
0x02	OFF (Identical)

Note

If this command is set to “Different,” the video and S&Q commands operate independently.
If set to “Identical,” the S&Q command is disabled and the video command is shared.
Affected commands:

- Recording Frame Rate Setting (Movie)
- S&Q Rec Frame Rate
- Recording Setting (Movie)
- S&Q Record Setting

Angle of view Priority (Movie)

Summary

Get/Set the Angle of view Priority (Movie)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F6
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

Eframing Auto Framing

Summary

Get/Set the eframing auto framing

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F8
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	OFF
0x02	ON

SceneFile Indexes Available for Download

Summary

Get the SceneFile Indexes Available for Download.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0F9
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (0x00000000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000000	None
Other than above values	

Note
This parameter It may increase or decrease because it varies depending on the model and setting status.
Related Commands: SDIO_DownloadData with Type of data(SceneFile).

Shooting Enable Setting (License)

Summary
Get/Set the Shooting Enable Setting(License)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0FA
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Enable
0x02	Disable

Note
To use this command, a license to activate this feature on the camera is required.

The sales policy for this license varies by region.
Details: https://helpguide.sony.net/di/volumephoto/v1/h_zz/index.html
Models that support license: https://pro.sony/ue_US/products/software-licences-and-upgrades-for-interchangeable-lens-cameras/lcnz-vlap

Maximum Size of Image ID String

Summary
Get the Maximum size of Image ID String

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE0FE
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
Variable	step

Note

Related Commands:
Image ID (String)

Digital Extender Magnification Setting

Summary

Get/Set the digital extender magnification setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE100
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	1000 times the real value of Digital Extender Magnification. e.g.) 0x000003E8 = 1000 (x1.0) 0x000005DC = 1500 (x1.5) 0x000007D0 = 2000 (x2.0) 0x00000FA0 = 4000 (x4.0)

SceneFile Upload Operation Enable Status

Summary

Get the SceneFile upload operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE101
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

SceneFile Download Operation Enable Status

Summary

Get the SceneFile download operation enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE102
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Monitor DISP (Screen Display) Mode Candidates(Still)

Summary

Get the Still monitor DISP (screen display) mode candidates.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE107
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (0x00000000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Graphic Display
0x00000002	Display All Info.
0x00000004	Histogram
0x00000008	Level
0x00000010	No Disp. Info.
0x00000020	No Disp. Info. Exposure: On
0x00000040	No Disp. Info. Exposure: Timeout
0x00000080	For viewfinder
0x00000100	Monitor Off
0x00000200	Histogram + Level

Note

This bit-assigned available DISP values can be used to set Monitor DISP (Screen Display) Mode Setting(Still) with the OR operation.

Monitor DISP (Screen Display) Mode Setting(Still)

Summary

Get/Set the Still monitor DISP (screen display) mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE108
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000001	min
0xFFFFFFFF	max
0x00000001	step

Note

Use the available DISP mode value obtained by Monitor DISP (Screen Display) Mode Candidates(Still) for the OR operation.
Multiple values could be set using the OR operation. Therefore, at least one option must be set.
You must select “No Disp. Info. Exposure: On (0x0020)” or “No Disp. Info. Exposure: Timeout (0x0040)” despite the “No Disp. Info.” selection.
If both “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be preferred.
If neither “No Disp. Info. Exposure: On (0x0020)” nor “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be set.
Only when “No Disp. Info. (0x0010)” is selected can “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” be set.

Monitor DISP (Screen Display) Mode(Still)

Summary

Get/Set the Still monitor DISP (screen display) mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE109
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Graphic Display
0x02	Display All Info.
0x03	No Disp. Info.
0x04	Histogram

Value	Description
0x05	Level
0x06	For viewfinder
0x07	Monitor Off
0x08	Histogram + Level

Monitor DISP (Screen Display) Mode Candidates(Movie)

Summary

Get the Movie monitor DISP (screen display) mode candidates.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE10A
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	N/A (0x00000000)
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00000001	Graphic Display
0x00000002	Display All Info.
0x00000004	Histogram
0x00000008	Level
0x00000010	No Disp. Info.
0x00000020	No Disp. Info. Exposure: On
0x00000040	No Disp. Info. Exposure: Timeout
0x00000080	For viewfinder
0x00000100	Monitor Off
0x00000200	Histogram + Level

Note

These bit-assigned available DISP values can be used to set Monitor DISP (Screen Display) Mode Setting(Movie) using the OR operation.

Monitor DISP (Screen Display) Mode Setting(Movie)

Summary

Get/Set the Movie monitor DISP (screen display) mode setting.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE10B
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000001	min
0xFFFFFFFF	max
0x00000001	step

Note

Use the available DISP mode value obtained by Monitor DISP (Screen Display) Mode Candidates(Movie) for the OR operation.
Multiple values could be set using the OR operation. Therefore, at least one option must be set.
You must select “No Disp. Info. Exposure: On (0x0020)” or “No Disp. Info. Exposure: Timeout (0x0040)” despite the “No Disp. Info.” selection.
If both “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be preferred.
If neither “No Disp. Info. Exposure: On (0x0020)” nor “No Disp. Info. Exposure: Timeout (0x0040)” are set, “No Disp. Info. Exposure: On (0x0020)” will be set.
Only when “No Disp. Info. (0x0010)” is selected can “No Disp. Info. Exposure: On (0x0020)” and “No Disp. Info. Exposure: Timeout (0x0040)” be set.

Monitor DISP (Screen Display) Mode(Movie)

Summary

Get/Set the Movie monitor DISP (screen display) mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE10C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)

Field	Field Order	Size (Bytes)	Datatype	Value
IsEnabled	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Graphic Display
0x02	Display All Info.
0x03	No Disp. Info.
0x04	Histogram
0x05	Level
0x06	For viewfinder
0x07	Monitor Off
0x08	Histogram + Level

Grid Line Display (Playback) (License)

Summary
Get/Set the Grid Line Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE10E
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Note
To use this command, a license to activate this feature on the camera is required.

The sales policy for this license varies by region.
Details: https://helpguide.sony.net/di/gridline_2420/v1/h_zz/index.html
Models that support license: https://pro.sony/ue_US/products/software-licences-and-upgrades-for-interchangeable-lens-cameras/lcnz-vlap

Grid Line Type

Summary

Get/Set the Grid Line Type

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE10F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Rule of 3rds Grid
0x02	Square Grid
0x03	Diag. + Square Grid
0x04	Golden Ratio Grid
0x11	Custom 1 (License)
0x12	Custom 2 (License)
0x13	Custom 3 (License)
0x14	Custom 4 (License)

Note

To use this command, a license to activate this feature on the camera is required.

The sales policy for this license varies by region.
Details: https://helpguide.sony.net/di/gridline_2420/v1/h_zz/index.html
Models that support license: https://pro.sony/ue_US/products/software-licences-and-upgrades-for-interchangeable-lens-cameras/lcnz-vlap

CustomGridLineFile Command Version (License)

Summary

Get the enabled status and dataset version (CustomGridLineFile).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE110
Datatype	2	2	UINT16	0x0006(UINT32)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
CurrentValue	6	4	UINT32	Variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
variable	Dataset Version

Note

ex) The Dataset Version is 0x00000064 (0d100).
When CustomGridLineFile feature is invalid, IsEnable field is disabled.
If the Dataset Version is 0x00000064 (0d100), the maximum size of CustomGridLineFile is 1MB.

To use this command, a license to activate this feature on the camera is required.

The sales policy for this license varies by region.
Details: https://helpguide.sony.net/di/gridline_2420/v1/h_zz/index.html
Models that support license: https://pro.sony/ue_US/products/software-licences-and-upgrades-for-interchangeable-lens-cameras/lcnz-vlap

Home Menu Setting(Lower Left)

Summary

Get/Set the Home Menu Setting(Lower Left)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE111
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	ND Filter
0x02	Aperture

Stream Button Enable Status

Summary

Get the stream button enabled status.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE112
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x00(Get)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00	Disable
0x01	Enable

Peaking Display

Summary

Get/Set the Peaking Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Peaking Level

Summary

Get/Set the Peaking Level

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11B
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Low
0x02	Mid
0x03	High

Peaking Color

Summary

Get/Set the Peaking Color

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11C
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	White
0x02	Blue
0x03	Yellow
0x04	Red

Zebra Display

Summary

Get/Set the Zebra Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11D
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Zebra Level

Summary

Get/Set the Zebra Level

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11E
Datatype	2	2	UINT16	0x0004(UINT16)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	2	UINT16	0x0000
CurrentValue	6	2	UINT16	variable

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0046	70
0x004B	75
0x0050	80
0x0055	85
0x005A	90
0x005F	95
0x0064	100
0x1064	100+
0x8001	Custom1
0x8002	Custom2

Note

The meaning of the value depends on the upper 4 bits as follows:

- 0x1: Lower Limit
- 0x8: Custom

Zebra Level Type (Custom)

Summary

Get/Set the Zebra Level Type (Custom)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE11F
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Std+Range
0x02	Lower Limit

Note
When Custom1/Custom2 is not selected as Zebra Level, the IsEnable field is disabled.

Zebra Level Standard (Custom)

Summary
Get/Set the Zebra Level Standard (Custom)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE120
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note
When Custom1/Custom2 is not selected as Zebra Level, the IsEnable field is disabled.

Zebra Level Range (Custom)

Summary
Get/Set the Zebra Level Range (Custom)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE121
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note

When Custom1/Custom2 is not selected as Zebra Level, the IsEnable field is disabled.
The value is equal to the half of the range
e.g.) When the value is 5, the range is ±5.

Zebra Level Lower Limit (Custom)

Summary

Get/Set the Zebra Level Lower Limit (Custom)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE122
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
Variable	min
Variable	max
1	step

Note

When Custom1/Custom2 is not selected as Zebra Level, the IsEnable field is disabled.

Marker Display

Summary

Get/Set the Marker Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE123
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Center Marker Display

Summary

Get/Set the Center Marker Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE124
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Aspect Marker Ratio (Movie)

Summary

Get/Set the Aspect Marker Ratio (Movie)

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE125
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	9:16
0x03	4:5
0x04	1:1
0x05	4:3
0x06	13:9
0x07	14:9
0x08	15:9
0x09	16:9
0x0A	17:9
0x0B	1.66:1
0x0C	1.85:1
0x0D	1.91:1
0x0E	2:1
0x0F	2.35:1
0x10	2.39:1

Safety Zone Display

Summary

Get/Set the Safety Zone Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE126
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0xFF	Off
Value other than the above	The real value of the safety zone percentage

Guideframe Display

Summary

Get/Set the Guideframe Display

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE127
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Dual Gain

Summary

Get/Set the Dual Gain

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE12A
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Off
0x02	On

Imager Mode

Summary

Get/Set the the imager mode.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE131
Datatype	2	2	UINT16	0x0008(UINT64)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	Variable
Reserved	5	8	UINT64	0x0000000000000000
CurrentValue	6	8	UINT64	0x0000000000000000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
Any	The value list changes depending on the current camera settings.

Note

The value list is Represented by a combination of the following parameters.

Field name	Field order	Size(bit)
Imager Image Size	bit[0]-[7]	8
Imager Resolution	bit[8]-[23]	16
Imager Aspect Ratio	bit[24-31]	8
Reserved	bit[32-63]	32

Value bit[0]-[7] Imager Image Size

Value	Description
0x01	Full Frame (FF)

Value	Description
0x02	Full Frame Crop (FFc)
0x03	Super 35 (S35)
0x04	Super 35 Crop (S35c)

Value bit[8]-[23] Imager Resolution

Value	Description
Any	100 times the real value

Value bit[24]-[31] Imager Aspect Ratio

Value	Description
0x01	3:2
0x02	4:3
0x03	6:5
0x04	16:9
0x05	17:9

e.g.) Example of Imager Mode.
0x0000000004035C01 = (FF 8.6K 16:9)
0x0000000005035C01 = (FF 8.6K 17:9)
0x0000000004025802 = (FFc 6K 16:9)
0x0000000004024403 = (S35 5.8K 16:9)

Display Quality (Finder)

Summary

Get/Set the display quality (finder).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE133
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	High

Display Quality (Monitor)

Summary

Get/Set the display quality (monitor).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
PropertyCode	1	2	UINT16	0xE134
Datatype	2	2	UINT16	0x0002(UINT8)
Get/Set	3	1	UINT8	0x01(Get/Set)
IsEnabled	4	1	UINT8	variable
Reserved	5	1	UINT8	0x00
CurrentValue	6	1	UINT8	variable
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x01	Standard
0x02	High

Controls

This chapter provides the detailed control specification of Camera Control PTP.

Shutter Half-Release (S1) Button

Summary

Control shutter half-release (S1) button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2C1
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Shutter Release (S2) Button

Summary

Control shutter release (S2) button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2C2
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

AEL Button

Summary

Control AEL button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2C3
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Rec Button (Hold)

Summary

Control movie recording (S/S) button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2C8
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

Unlike the button action of the main unit, this command functions like holding a button.

FEL Button

Summary

Control FEL button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2C9
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key UP

Summary

Execute remote key UP.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2CD
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key DOWN

Summary

Execute remote key DOWN.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2CE
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key LEFT

Summary

Execute remote key LEFT.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2CF
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key RIGHT

Summary

Execute remote key RIGHT.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2D0
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Near/Far

Summary

Set the near/far.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2D1
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000

Field	Field Order	Size (Bytes)	Datatype	Value
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-7	min
7	max
1	step

Note

This Control Code can be executed only when the device property “Near / Far Enable Status (0xD235)” is Enabled (0x01).

AWBL Button

Summary

Control AWBL button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2D9
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

AF Area Position (x, y)

Summary

Execute set AF area position (x, y).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2DC
Datatype	2	2	UINT16	0x0006(UINT32)

Field	Field Order	Size (Bytes)	Datatype	Value
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
1	step

Note

The x-coordinate is set in the upper two bytes and the y-coordinate is set in the lower two bytes.
The range of X is 0-639 (0x027F), and the range of Y is 0-479 (0x01DF).

Zoom Operation

Summary

Execute the zoom operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2DD
Datatype	2	2	UINT16	0x0001(INT8)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-1	min
1	max
1	step

Note

This Control Code can be executed only when the device property “Zoom Operation Enable Status” (0xD25B) is Enabled (0x01).
The parameter range is variable. Refer to the device property “Zoom Speed Range” for parameter range.

Value examples:
1: Tele zoom (zoom speed=1)
-1: Wide zoom (zoom speed=1)
0: Stop zoom

Custom WB Capture Standby

Summary

Execute the custom WB capture standby.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2DF
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property “Custom WB Capture Standby Operation (0xD26D)” is enabled (0x01).

Custom WB Capture Standby Cancel

Summary

Execute the custom WB capture standby cancel.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E0
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property “Custom WB Capture Standby Cancel Operation (0xD26E)” is Enable (0x01).

Custom WB Capture

Summary

Execute the custom WB capture.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E1
Datatype	2	2	UINT16	0x0006(UINT32)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
1	step

Note

The x-coordinate is set in the two upper bytes and the y-coordinate is set in the two lower bytes.
The enable range can be obtained from “Custom WB Capturable Area(x,y) (0xD26B)”.

Selected Media Format

Summary

Execute format the selected media.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E2

Field	Field Order	Size (Bytes)	Datatype	Value
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Full format (SLOT1)
0x0002	Full format (SLOT2)
0x0011	Quick format (SLOT1)
0x0012	Quick format (SLOT2)

Note

Multiple items cannot be selected.

High Resolution SS Adjust

Summary

Execute the high resolution SS adjust.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	T.B.D
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32768	min
32767	max
1	step

Note

This Control Code can be executed only when the device property High Resolution Shutter Speed is Enabled.

Remote Touch Operation (x, y)

Summary
Execute remote touch operation (x, y).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E4
Datatype	2	2	UINT16	0x0006(UINT32)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x00000000	min
0xFFFFFFFF	max
1	step

Note
This Control Code can be executed only when the device property “Remote Touch Operation Enable Status” is Enabled (0x01).
The x coordinate is set in the upper two bytes and the y coordinate is set in the lower two bytes
The range of X is 0-639 (0x027F), and the range of Y is 0-479 (0x01DF).

Cancel Remote Touch Operation

Summary
Execute cancel remote touch operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E5
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property “Cancel Remote Touch Operation Enable Status” is Enabled (0x01).
Execute when the control value is Up (0x0001).

S1 & S2 Button

Summary

Execute shutter half-release (S1) and shutter release (S2) buttons.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E6
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Cancel Media Format

Summary

Execute cancel media format.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E7
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property “Cancel Media Format Enable Status” is Enabled (0x01).

Save Zoom and Focus Position

Summary

Execute save zoom and focus position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2E9
Datatype	2	2	UINT16	0x0002(UINT8)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
Reserved	6	1	UINT8	0x00
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00 - 0xFF	Save slot number

Load Zoom and Focus Position

Summary

Execute load zoom and focus position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2EA
Datatype	2	2	UINT16	0x0002(UINT8)
SDIControlType	3	1	UINT8	0x82(Notch)

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	4	1	UINT8	Variable
Reserved	5	1	UINT8	0x00
Reserved	6	1	UINT8	0x00
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x00 - 0xFF	Load slot number

Note

This command is tied up with driving status (the device properties Focus Driving Status (Absolute) and Zoom Driving Status (Absolute)). When the current value of the device property ZoomOnly Enable Status is enabled and “ZoomOnly Value” is On (0x02) in `PresetInfoList[k]`, only Zoom Position in slot `k` is loaded.

APS-C or Full Switching

Summary

Execute APS-C or full switching.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2EB
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

Execute APS-C or FULL switching control of the camera

Color Temperature Step

Summary

Set the color temperature.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2EC
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-30	min
30	max
1	step

White Balance Tint Step

Summary

Set the white balance tint.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2ED
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-198	min
198	max
1	step

Reset Multi Matrix

Summary
Execute multi matrix reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2EE
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Focus Operation

Summary
Execute the focus operation.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2EF
Datatype	2	2	UINT16	0x0001(INT8)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	1	INT8	0x0000
Reserved	6	1	INT8	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-1	min
1	max
1	step

Note

This Control Code can be executed only when the device property “Focal Distance in Meter” (0xD004) or “Focal Distance in Feet” (0xD005) is Enabled (0x01).
The parameter range is variable. Refer to the device property “Focus Speed Range” for parameter range.
Value examples:
1: Tele focus (focus speed=1)
-1: Wide focus (focus speed=1)
0: Stop focus

High Resolution SS Adjust In Integral Multiples

Summary

Execute the high resolution SS adjust in integral multiples.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F0
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-1	min
1	max
1	step

Note

This Control Code can be executed only when the device property High Resolution Shutter Speed is Enabled.

Flicker Scan

Summary

Execute flicker scan.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F1
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

Flicker scan is enabled when the device property “Flicker Scan Enable Status (0xD29D)” is enabled (0x01) and this control code is executed.
Flicker scan is canceled when the device property “Flicker Scan Status (0xD29C)” is “Flicker scanning (0x01)” and this control code is executed.
When this Control Code is executed, the following device property is changed.
・Flicker Scan Status （0xD29C）

Set PresetInfo ZoomOnly Value

Summary

Set PresetInfo ZoomOnly value.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F2
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description

Note

The ID of the target Preset is set in the upper 8bits and the ZoomOnly value is set in the lower 8bits.
For ZoomOnly value (the lower 8 bits), 0x01 is “OFF” and 0x02 is “ON.”
For example, if the ID = 5, ZoomOnly value is “ON,” set 0x0502.

REC Settings Reset

Summary

Execute recording settings reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F3
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property "REC Settings Reset Enable Status" is Enable (0x01).

ContShootSpotBoost Button

Summary

Control spot boosting button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F6
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key Cancel Back Button

Summary

Execute remote key back button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F7
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key Display Button

Summary

Execute remote key display button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F8
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key SET

Summary

Execute remote key SET.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2F9
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key RIGHT UP

Summary

Execute remote key RIGHT UP.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FA
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key RIGHT DOWN

Summary

Execute remote key RIGHT DOWN.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FB
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key LEFT UP

Summary

Execute remote key LEFT UP.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FC
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key LEFT DOWN

Summary
Execute remote key LEFT DOWN.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FD
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Movie Rec Button (2nd) (Toggle)

Summary
Execute movie recording button (2nd).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FE
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Remote Key Menu Button

Summary
Execute remote key menu button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD2FF
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Pixel Mapping

Summary
Execute pixel mapping.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD300
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note
Make sure Pixel Mapping Enable Status is Enable (0x01) before executing Pixel Mapping

Power Off

Summary
Execute power off.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD301
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note
This command sets the camera to standby mode. It can be restarted by manual action on the power button.

Time Code Preset Reset

Summary
Execute time code preset reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD302
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property "Time Code Preset Reset Enable Status" is Enable (0x01).

User Bit Preset Reset

Summary

Execute user bit preset reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD303
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property "User Bit Preset Reset Enable Status" is Enable (0x01).

Sensor Cleaning

Summary

Execute sensor cleaning.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD304
Datatype	2	2	UINT16	0x0004(UINT16)

Field	Field Order	Size (Bytes)	Datatype	Value
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

This Control Code can be executed only when the device property "Sensor Cleaning Enable Status" is Enable (0x01).

Reset Picture Profile

Summary

Execute picture profile reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD305
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note

Reset settings for the picture profile selected in “Picture Profile.”
This Control Code can be executed only when the device property "Reset Picture Profile Enable Status" is Enabled (0x01).

Reset Creative Look

Summary
Execute creative look reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD306
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Note
Reset settings for the creative look selected in “Creative Look.”
This Control Code can be executed only when the device property "Reset Creative Look Enable Status" is Enabled (0x01).

Stream Button

Summary
Control the Stream button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD307
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	2	UINT16	0x0000
Reserved	5	2	UINT16	0x0000
FormFlag	6	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up

Value	Description
0x0002	Down

Note

This control's values have special meanings:
Down: Start streaming
Up: Stop streaming

Camera Button Function

Summary

Execute camera button function on/off.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD309
Datatype	2	2	UINT16	0x0006(UINT32)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-	See the Note below

Note

The ID of the target Preset(0x0000 - 0xFFFF) is set in the upper 16 bits and the Button value is set in the lower 16 bits.
Information on operable keys is obtained from the Emulatable Button List Camera Button Function capability.
For Button value (the lower 16 bits), 0x0001 is “OFF” and 0x0002 is “ON.”
For example, if the ID = 5 and Button value is “ON,” set 0x00050002.
This Control Code can be executed only when the device property Camera Button Function Status is OFF (0x0001).
Only one button can be issued with this command.
Cannot be used while operating the main unit keys.

Camera Button Function Multi

Summary

Execute camera button function on/off.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD30A
Datatype	2	2	UINT16	0x0006(UINT32)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	4	UINT32	0x00000000
Reserved	6	4	UINT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-	See the Note below

Note

The ID of the target Preset(0x0000 ～ 0xFFFF) is set in the upper 16 bits and the Button value is set in the lower 16 bits.
Information on operable keys is obtained from the Emulatable Button List Camera Button Function Multi capability.
For Button value (the lower 16 bits), 0x0001 is “OFF” and 0x0002 is “ON.”
For example, if the ID = 5 and Button value is “ON,” set 0x00050002.
It can be pressed simultaneously with other keys.

Camera Dial Function

Summary

Execute camera dial function.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD30B
Datatype	2	2	UINT16	0x0005(INT32)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	4	INT32	0x00000000
Reserved	6	4	INT32	0x00000000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-	See the Note below

Note

The ID of target Preset(0x0000 ～ 0x7FFF) is set in the upper 16 bits.
Information on the operable dial is obtained from the Emulatable Dial List Camera Dial Function capability.
Plus rotates clockwise forward, minus rotates counter clockwise.(the lower 16 bits).
For example, if the ID = 6 and Button value is 0x7FFF, set 0x00067FFF.
Simultaneous pressing of dials is guaranteed.

Camera Lever Function

Summary

Execute camera lever funciton.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD30C
Datatype	2	2	UINT16	0x0005(INT32)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	4	INT32	0x0000
Reserved	6	4	INT32	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-	See the Note below

Note

The ID of the target Preset(0x0000 ～ 0x7FFF) is assigned to the upper 16 bits. For the corresponding value, refer to the device property Camera Lever Function capability.
The division upper limit is set in the lower 16 bits. For the corresponding value, refer to the device property Tele/Wide Lever Value capability.
It is processed as a single input, and simultaneous pressing of the dial is not supported.

Tracking On + AF On Button

Summary

Control tracking on + AF on button.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD30D
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Forced File Number Reset

Summary

Execute forced file number reset.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD30E
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Set PostView Enable

Summary

Set PostView enable.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD312
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)

Field	Field Order	Size (Bytes)	Datatype	Value
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up (Disable)
0x0002	Down (Enable)

Note

This Control Code can be executed only when the device property PostView Transfer Resource Status is available (`0x01`).
In case of success, SDIE_OperationResults OK is notified.
In case of failure, SDIE_OperationResults NG is notified.

When using Get Image File while connected in “Remote Control with Transfer Mode,” it is necessary to enable the feature using this Control Code.

Set LiveView Enable

Summary

Set live view enable.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD313
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up (Disable)
0x0002	Down (Enable)

Note

When using Live View while connected in “Remote Control with Transfer Mode,” it is necessary to enable the feature using this Control Code.

Create New Folder(still)

Summary
Create a new folder (still).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD314
Datatype	2	2	UINT16	0xFFFF(STR)
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5		STR	""
Reserved	6		STR	Variable
FormFlag	7	1	UINT8	0x00(None)

Value

Value	Description

Note
If any string is set, create a folder with the specified string. If and empty string is set, create a folder with the date format of the camera body. The execution result is returned by SDIE_OperationResults.

Camera Standby

Summary
Execute Camera Standby

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD315
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Power On

Summary
Execute Power On

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xD316
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Shutter ECS Number Step

Summary
Set the shutter ECS number.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF000
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32768	min
32767	max
1	step

Movie Rec Button (Toggle)

Summary
Control movie recording button (toggle).

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF001
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Cancel Focus Position

Summary
Execute cancel absolute focus position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF002
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

Zoom Operation with INT16

Summary

Execute zoom operation by specifying direction and speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF003
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
Reserved	6	2	INT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32767	min
32767	max
1	step

Note

This Control Code can be executed only when the device property Zoom Operation Enable Status is Enabled.
value 0x0001(Slow) 0x7FFF(Fast) : Tele zoom
value 0xFFFF(Slow) 0x8001(Fast) : Wide zoom
value 0x0000 : Stop zoom

Focus Operation with INT16

Summary

Execute focus operation by specifying direction and speed.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF004
Datatype	2	2	UINT16	0x0003(INT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	INT16	0x0000
Reserved	6	2	INT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
-32767	min
32767	max
1	step

Note

This Control Code can be executed only when the device property Focus Operation with INT16 Enable Status is Enabled.
value 0x0001(Slow) 0x7FFF(Fast) : Far focus
value 0xFFFF(Slow) 0x8000(Fast) : Near focus
value 0x0000 : Stop focus

Cancel Zoom Position

Summary

Execute cancel absolute zoom position.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF00C
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x81(Button)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	Up
0x0002	Down

USB Connection Mode Request

Summary

Execute USB connection mode request

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF012
Datatype	2	2	UINT16	0x0004(UINT16)

Field	Field Order	Size (Bytes)	Datatype	Value
SDIControlType	3	1	UINT8	0x84(Variable)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x02(Enumeration)

Value

Value	Description
0x0001	MSC

Note

This setting is available only when the camera is connected via USB
The connection mode will switch immediately after executing this ControlCode

Preset PTZF Recall

Summary

Execute Preset PTZF Recall.

Description

Field	Field Order	Size (Bytes)	Datatype	Value
ControlCode	1	2	UINT16	0xF015
Datatype	2	2	UINT16	0x0004(UINT16)
SDIControlType	3	1	UINT8	0x82(Notch)
Reserved	4	1	UINT8	Variable
Reserved	5	2	UINT16	0x0000
Reserved	6	2	UINT16	0x0000
FormFlag	7	1	UINT8	0x01(Range)

Value

Value	Description
0x0000-0xFFFF	Preset number

Note

The specified setting value should be within the range of Preset PTZF Number of Slots device property. When the command requested is successfully acknowledged by the Responder or not, SDIE_OperationResults event is returned. Upon completion of the recall operation, the SDIE_PresetPTZFEvent event is returned.

Events

This chapter provides the detailed event specification of Camera Control PTP.

StoreAdded

Summary
Same as PIMA 15740 (event code is `0x4004`.)

Description
Same as PIMA 15740

StoreRemoved

Summary
Same as PIMA 15740 (event code is `0x4005`.)

Description
Same as PIMA 15740

SDIE_ObjectAdded

Summary
Notify that a shot file is ready to transfer.

Description
- Event Code: `0xC201`
- Parameter1: ObjectHandle
- Parameter2: None
- Parameter3: None

Note
The host can send GetObjectInfo with the notified ObjectHandle after receiving this event.
The host can choose from checking the value of the Shooting File Info (0xD215) or waiting for this event to send GetObjectInfo.

SDIE_ObjectRemoved

Summary
Notify that a shot file is deleted.
The device sends this event when the shot file is transferred.

Description
- Event Code: `0xC202`
- Parameter1: ObjectHandle

- Parameter2: None
- Parameter3: None

Note
The host must not send GetObjectInfo with the notified ObjectHandle after receiving this event.

SDIE_DevicePropChanged

Summary
Notify that the DevicePropValue is changed.

Description
- Event Code: `0xC203`
- Parameter1: None
- Parameter2: None
- Parameter3: None

Note
It is highly recommended to use SDIO_GetAllExtDevicePropInfo to obtain current camera-setting values via polling.

SDIE_DateTimeSettingResult

Summary
Notify Date/Time Setting result.

Description
- Event Code: `0xC205`
- Parameter1: Setting Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	Parameter Error
0x00000003	Exclusion Error
0x00000004	System Error

SDIE_CapturedEvent

Summary
Notify a captured event.

Description

- Event Code: `0xC206`
- Parameter1: None
- Parameter2: None
- Parameter3: None

SDIE_CWBCapturedResult

Summary

Notify the result of Custom WB capture.

Description

- Event Code: `0xC208`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG

Note

The detail results can be obtained with the following device properties.

- Color Temperature (DevicePropertyCode: 0xD20F)
- Biaxial Fine-Tuning G-M Direction (DevicePropertyCode: 0xD210)
- Biaxial Fine-Tuning A-B Direction (DevicePropertyCode: 0xD21C)

SDIE_CameraSettingReadResult

Summary

Notify the result of camera-setting read.

Description

- Event Code: `0xC209`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG

SDIE_FTPSettingReadResult

Summary

Notify the result of FTP-setting read.

Description

- Event Code: `0xC20A`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	NG password

SDIE_MediaFormatResult

Summary

Notify the result of media format.

Description

- Event Code: `0xC20B`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	Canceled

SDIE_ContentsTransferEvent

Summary

Notify that the ContentTransferEvent.

Description

- Event Code: `0xC20D`
- Parameter1: Event ID
- Parameter2: None

- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	Device Busy
0x00000002	Status Error

SDIE_ZoomandFocusPositionEvent

Summary

Notify the Zoom and Focus Position Event.

Description

- Event Code: `0xC20E`
- Parameter1: Event ID
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	Diffarent Lens
0x00000002	Invalid Lens

SDIE_DisplayListChangedEvent

Summary

Notify an update of DisplayStringList.

Description

- Event Code: `0xC20F`
- Parameter1: Display String List Type
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
Any	Please use the same “Display String List Type” as OperationCode SDIO_GetDisplayStringList.

SDIE_MediaProfileChanged

Summary

Notify that the media profile is changed.

Description

- Event Code: `0xC210`
- Parameter1: Media
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	Media SLOT1
0x00000002	Media SLOT2
0x00000003	Media SLOT3

SDIE_ControlJobListEvent

Summary

Notify the Control Job List Event.

Description

- Event Code: `0xC211`
- Parameter1: Result
- Parameter2: ControlType
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG

Parameter2

Value	Description
Any	The one specified in SDIO_ControlFTPJobList

SDIE_ControlUploadDataResult

Summary

Notify the result of ControlUpload.

Description

- Event Code: `0xC214`
- Parameter1: Result
- Parameter2: ControlType
- Parameter3: OptionParam

Parameter1

If ControlType is BaseLookImport.

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	NG Invalid File Name
0x00000004	NG Device Busy

If ControlType is FirmwareUpdate.

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG Media Error
0x00000003	NG Read Error
0x00000004	NG Invalid Data
0x00000005	NG Invalid Version
0x00000006	NG Invalid Region
0x00000007	NG Invalid Model
0x00000008	NG Low Battery
0x00000009	NG Bad Battery
0x00010000	NG General/Other Error

If ControlType is CustomGridLineFileImport.

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG Status Error
0x00000003	NG Invalid File Name
0x00000004	NG Media Error
0x00000005	NG Read Error
0x00000006	NG Over File Size
0x00000007	NG Over Image Size
0x00000008	NG Decode Error
0x00000009	NG Invalid Parameter

Parameter2

Value	Description
Any	The one specified in SDIO_ControlUploadData

SDIE_ZoomPositionResult

Summary

Notify the zoom position result.

Description

- Event Code: `0xC217`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	Canceled

Note

This event is notified when the following commands is executed.

- Zoom Position Setting

SDIE_FocusPositionResult

Summary

Notify the focus position result.

Description

- Event Code: `0xC218`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	Canceled

Note
This event is notified when the following command is executed:

- Focus Position Setting

SDIE_ControlGeneralSettingResult

Summary
Notify the control general setting result.

Description
- Event Code: `0xC21A`
- Parameter1: Result
- Parameter2: ControlType
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG(FILE_ERROR)
0x00000003	NG(STATE_ERROR)
0x00000004	NG(OTHER_ERROR)
0x00000005	Canceled

Parameter2

Value	Description
ControlType specified in SDIO_ControlGeneralSettingFile	

SDIE_LensInformationChanged

Summary
Notify that the lens information is changed.

Description
- Event Code: `0xC21B`
- Parameter1: None
- Parameter2: None
- Parameter3: None

SDIE_FirmwareUpdateCheckResult

Summary

Description

- Event Code: `0xC21D`
- Parameter1: Result
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	OK
0x00000001	Low battery
0x00000002	No media
0x00000003	Media no writable
0x00000004	Over file size
0x00000005	Over heating
0x00000006	Operation lock
0x00000007	Capturing
0x00000008	Busy

SDIE_FirmwareUpdateEvent

Summary

Description

- Event Code: `0xC21E`
- Parameter1: Event ID
- Parameter2: Param1
- Parameter3: Param2

Parameter1

Value	Description
0x00000001	Error Occurred

Parameter2

Value	Description
0x00000001	Low battery
0x00000002	No media
0x00000003	Media no writable
0x00000004	Over file size
0x00000005	Over heating

Value	Description
0x00000006	Operation lock
0x00000007	Capturing
0x00000008	Busy

SDIE_StreamStatusEvent

Summary

Notify the stream status event.

Description

- Event Code: `0xC21F`
- Parameter1: Stream ID
- Parameter2: Status
- Parameter3: None

Parameter1

Value	Description
0x00000001	Stream 1
0x00000002	Stream 2
0x00000003	Stream 3

Parameter2

Value	Description
0x00000001	Inactive
0x00000002	Idle
0x00000003	Streaming
0x00000004	Error

Note

For all streams selectable with Video Stream Select, if there is a change in the value obtained with Stream Status, this command will notify you regardless of the currently selected stream.

SDIE_OperationResults

Summary

Notify the operation results.

Description

- Event Code: `0xC222`
- Parameter1: ResultCode
- Parameter2: Result
- Parameter3: Reserved

Parameter2

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	Invalid Parameter Error
0x00000004	Camera Status Error
0x00000005	Execute Canceled
0x00000011	Character Size Error
0x00000012	Low Brightness Error
0x00000013	Time Limit Exceeded Error
0x00000014	High Brightness Error
0x00000015	Color Temp High Error
0x00000016	Color Temp Low Error
0x00000017	Tint Out of Range Error
0x00000018	Poor White Area Error

Note

ResultCode contains two kinds of information.
The upper 16-bit represents the code of the operation that caused this event.
The lower 16-bit represents operation-specific information, such as device property and control codes.

SDIE_AFStatus

Summary

Notify the AF status.

Description

- Event Code: `0xC223`
- Parameter1: Status
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
Any	The value of “Focus Indication (0xD213)”

SDIE_MovieRecOperationResults

Summary

Notify the execution results of Movie Rec Operation.

Description

- Event Code: `0xC224`
- Parameter1: Results
- Parameter2: None
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG

SDIE_PresetInfoListChanged

Summary

Notify that the PresetInfo List is changed.

Description

- Event Code: `0xC226`
- Parameter1: None
- Parameter2: None
- Parameter3: None

SDIE_CautionDisplayEvent

Summary

Notify the CautionDisplayEvent.

Description

- Event Code: `0xC228`
- Parameter1: Reserve
- Parameter2: Reserve
- Parameter3: Reserve

Note

This event is notified when a caution is displayed/reserve value is 0x00.

SDIE_ContentInfoListChanged

Summary

Notify that the ContentInfo List is changed.

Description

- Event Code: `0xC234`
- Parameter1: Slot Info
- Parameter2: Event Type
- Parameter3: None

Parameter1

Value	Description
0x00000001	Media SLOT1
0x00000002	Media SLOT2

Parameter2

Value	Description
0x00000001	contents_added
0x00000002	contents_deleted
0x00000003	contents_changed

SDIE_ControlPTZFResult

Summary

Notify the ControlPTZF result.

Description

- Event Code: `0xC238`
- Parameter1: Result
- Parameter2: Control Type
- Parameter3: None

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	NG
0x00000003	Canceled

Parameter2

Value	Description
Any	The one specified in SDIO_ControlPTZF

Note

For operations such as “Absolute Drive,” “Relative Drive,” “Pan/Tilt Home Position,” “Pan/Tilt Reset operation,” and “Cancel operation,” this event is notified with param1 = 0x00000001 (OK) after the specified position is reached or the operation is completed. For “Direct Drive”, this event is notified when the command is executed.

SDIE_PresetPTZFEvent

Summary

Notify the PresetPTZF Event.

Description

- Event Code: `0xC239`
- Parameter1: Event Type
- Parameter2: Reserved
- Parameter3: Reserved

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	Drive Stopped(Completed)
0x00000002	Drive Stopped(Interrupted)
0x00000003	Drive Stopped(Error)

Note

For information about when and how this event is notified, please refer to the Preset PTZF Operation section.

SDIE_DeleteContentResult

Summary

Notify the DeleteContentResult

Description

- Event Code: `0xC240`
- Parameter1: Result
- Parameter2: contentID
- Parameter3: Slot Info

Parameter1

Value	Description
0x00000000	Invalid
0x00000001	OK
0x00000002	Status Error
0x00000003	Device Busy
0x00000004	Content Protected
0x00000005	Content Not Exist

Parameter2

Value	Description
variable	contentid

Data Format

Data Formats are represented in a pseudo-language.

Syntax:

- `Name: Type`: Define a variable or field with name and type separated by a colon `:`
- `Structures`: Data structures are represented using curly braces `{}`
- `Arrays`: Arrays are indicated by square brackets `[]`
- `Comments`: Comments are represented by two slashes `//`
- `Types`: Same as PIMA 15740

FocalFrameInfo

```
type FocalFrameInfo {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[6];
  };
  reserved: UINT8[40];
  reservedArrrayNum: UINT16; // Number of reservedArrray
  reserved: UINT8[6];
  reservedArrray: {
    reserved: UINT8[24]
  }[]; // Variable-length
  FocusFrame: {
    X_Denominator: UINT32; // X Denominator (1024x value)
    Y_Denominator: UINT32; // Y Denominator (1024x value)
    FrameNum: UINT16; // Number of Focus Frame
    reserved: UINT8[6];
    Frame: {
      Type: FocusFrameType;
      State: FocusFrameState;
      Priority: UINT8; // The smaller the value, the higher the priority
      reserved: UINT8[3];
      X_Numerator: UINT32; // X Numerator (1024x value)
      Y_Numerator: UINT32; // Y Numerator (1024x value)
      Height: UINT32; // Height (1024x value)
      Width: UINT32; // Width (1024x value)
    }[]; // Variable-length
  };
  FaceFrame: { // Version 1.01 or later
    X_Denominator: UINT32; // X Denominator (1024x value)
    Y_Denominator: UINT32; // Y Denominator (1024x value)
    FrameNum: UINT16; // Number of Face Frame
    reserved: UINT8[6];
    Frame: {
      Type: FaceFrameType;
      State: FaceFrameState;
      Selection: SelectionState;
      Priority: UINT8; // The smaller the value, the higher the priority
      reserved: UINT8[2];
      X_Numerator: UINT32; // X Numerator (1024x value)
      Y_Numerator: UINT32; // Y Numerator (1024x value)
      Height: UINT32; // Height (1024x value)
      Width: UINT32; // Width (1024x value)
    }[]; // Variable-length
  };
```

```
  TrackingFrame: { // Version 1.01 or later
    X_Denominator: UINT32; // X Denominator (1024x value)
    Y_Denominator: UINT32; // Y Denominator (1024x value)
    FrameNum: UINT16; // Number of Tracking Frame
    reserved: UINT8[6];
    Frame: {
      Type: TrackingFrameType;
      State: TrackingFrameState;
      Priority: UINT8; // The smaller the value, the higher the priority
      reserved: UINT8[3];
      X_Numerator: UINT32; // X Numerator (1024x value)
      Y_Numerator: UINT32; // Y Numerator (1024x value)
      Height: UINT32; // Height (1024x value)
      Width: UINT32; // Width (1024x value)
    }[]; // Variable-length
  };
  reserved: UINT8[8];
  reservedArrrayNum: UINT16; // Number of reservedArrray
  reserved: UINT8[6];
  reservedArrray: {
    reserved: UINT8[16]
  }[]; // Variable-length
  FramingFrame: { // Version 1.03 or later
    X_Denominator: UINT32; // X Denominator (1024x value)
    Y_Denominator: UINT32; // Y Denominator (1024x value)
    FrameNum: UINT16; // Number of Framing Frame
    reserved: UINT8[6];
    Frame: {
      Type: FramingFrameType;
      reserved: UINT8[2];
      Priority: UINT8; // The smaller the value, the higher the priority
      reserved: UINT8[3];
      X_Numerator: UINT32; // X Numerator (1024x value)
      Y_Numerator: UINT32; // Y Numerator (1024x value)
      Height: UINT32; // Height (1024x value)
      Width: UINT32; // Width (1024x value)
    }[]; // Variable-length
  };
};

enum FocusFrameType: UINT16
{
  PhaseDetection_AFSensor     = 0x0001,
  PhaseDetection_ImageSensor  = 0x0002,
  Wide                        = 0x0003,
  Zone                        = 0x0004,
  CentralEmphasis             = 0x0005,
  ContrastFlexibleMain        = 0x0006,
  ContrastFlexibleAssist      = 0x0007,
  Contrast                    = 0x0008,
  ContrastUpperHalf           = 0x0009,
  ContrastLowerHalf           = 0x000A,
  DualAFMain                  = 0x000B,
  DualAFAssist                = 0x000C,
  NonDualAFMain               = 0x000D,
  NonDualAFAssist             = 0x000E,
  FrameSomewhere              = 0x000F,
  Cross                       = 0x0010,
};
enum FocusFrameState: UINT16
{
  NotFocused          = 0x0001,
  Focused             = 0x0002,
  FocusFrameSelection = 0x0003,
  Moving              = 0x0004,
```

```
  RangeLimit          = 0x0005,
  RegistrationAF      = 0x0006,
  Island              = 0x0007,
};
enum FaceFrameType: UINT16
{
  DetectedFace              = 0x0001,
  AF_TargetFace             = 0x0002,
  PersonalRecognitionFace   = 0x0003,
  SmileDetectionFace        = 0x0004,
  SelectedFace              = 0x0005,
  AF_TargetSelectionFace    = 0x0006,
  SmileDetectionSelectFace  = 0x0007,
};
enum FaceFrameState: UINT16
{
  NotFocused  = 0x0001,
  Focused     = 0x0002,
};
enum SelectionState: UINT8
{
  Unselected  = 0x01,
  Selected    = 0x02,
};
enum TrackingFrameType: UINT16
{
  NonTargetAF  = 0x0001,
  TargetAF     = 0x0002,
};
enum TrackingFrameState: UINT16
{
  NotFocused  = 0x0001,
  Focused     = 0x0002,
};
enum FramingFrameType: UINT16
{
  Auto                = 0x0001,
  None                = 0x0002,
  Single              = 0x0003,
  reserved            = 0x0004,
  PTZ                 = 0x0005,
  reserved            = 0x0006,
  reserved            = 0x0007,
  HoldCurrentPosition = 0x0008,
  ForceZoomOut        = 0x0009,
};
```

DisplayStringList

```
type DisplayStringList {
  Information: {
    ListTypeNum: UINT16; // If unsupported “Display String List Type” is specified
                         // or “String List” to be notified does not exist, 0 is stored
    reserved: UINT8[2];
  };
  ListTypes: {
    ListType: UINT32; // ListTypeValue
    DataType: UINT16; // Type (same as PIMA 15740)
    DisplayStringNum: UINT16; // Number of DisplayString
    DisplayStrings: {
      Value: (Depends on DataType);
      StringSize: UINT16; // Size of DisplayString
      DisplayString: UINT8[]; // UTF-8 string containing null characters
    }[]; // Variable-length
```

```
  }[]; // Variable-length
};
```

LensInformation

```
type LensInformation {
  Information: {
    Version: UINT16; // Data version (100x value)
    TableNum: UINT16; // Number of Tables
  };
  Tables: {
    ListNum: UINT16; // Number of ConversionLists
    reserved: UINT8[2];
    ConversionLists: {
      NormalizedValue: UINT32; // Normalized focus position
      FocusPosition: UINT32; // 100 times the distance (feet or meters),
                             // for example 20 = 0.2
    }[]; // Variable-length
  }[]; // Variable-length
};
```

FTPSettingList

```
type FTPSettingList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  FTPSettingNum: UINT32 // Number of FTPSettings
  FTPSettings: {
    FTPServerID: UINT16; // Server Settings Destination
    ServiceType: UINT8;
    DisplayNameSize: UINT16; // Size of DisplayName
    DisplayName: UINT8[]; // Display Name on Menu
                          // UTF-8 string containing null characters
    HostNameSize: UINT16; // Size of HostName
    HostName: UINT8[]; // Destination server's hostname
                       // UTF-8 string containing null characters
    PortNumber: UINT16; // Destination server's port number
    UserNameSize: UINT16; // Size of UserName
    UserName: UINT8[]; // UTF-8 string containing null characters
    PasswordExists: UINT8;
    PasswordSize: UINT16; // Size of Password
                          // Set to zero if no password is specified
    Password: UINT8[]; // Not used for GET requests
                       // UTF-8 string containing null characters
    PassiveMode: UINT8;
    DestinationDirectorySize: UINT16; // Size of DestinationDirectory
    DestinationDirectory: UINT8[]; // UTF-8 string containing null characters
    UsingSecureProtocol: UINT8;
    DirectoryHierarchyType: UINT8; // Version 1.01 or later
    SameNameFileOverwriteType: UINT8; // Version 1.01 or later
    RootCertificateErrorSetting: UINT8; // Available only when using FTPS
                                        // Version 1.01 or later
  }[]; // Variable-length
};

enum ServiceType: UINT8
{
  Invalid  = 0x00,
  FTP      = 0x01,
};
```

```
enum PasswordExists: UINT8
{
  PasswordFieldIsInvalid  = 0x00,
  PasswordFieldIsValid    = 0x01,
};
enum PassiveMode: UINT8
{
  Invalid         = 0x00,
  PassiveModeOff  = 0x01, // Active Mode On
  PassiveModeOn   = 0x02,
};
enum UsingSecureProtocol: UINT8
{
  Invalid  = 0x00,
  Off      = 0x01, // Does not use secure FTP transfer
  On_FTPS  = 0x02,
  On_SFTP  = 0x03, // Version 1.02 or later
};
enum DirectoryHierarchyType: UINT8
{
  Invalid         = 0x00,
  Standard        = 0x01,
  SameAsInCamera  = 0x02,
};
enum SameNameFileOverwriteType: UINT8
{
  Invalid           = 0x00,
  Overwrite         = 0x01,
  DoesNotOverwrite  = 0x02,
};
enum RootCertificateErrorSetting: UINT8
{
  Invalid         = 0x00,
  Connect         = 0x01,
  DoesNotConnect  = 0x02,
};
```

FTPJobList

For Add

```
type FTPJobList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  JobInfoNum: UINT32; // Additional number of JobInfo
  JobInfo: {
    JobInfoSize: UINT32; // Size of JobInfo (including its own size)
                         // Version 1.01 or later
    ServerID: UINT32; // Destination server ID
    SlotID: UINT32;
    ClipPathSize: UINT8; // Size of ClipPath
    ClipPath: UINT8[]; // Specify the relative path from MediaProfile
                       // For example, “/Clip/000_0001.MXF”
                       // UTF-8 string containing null characters
    MetaPathSize: UINT8; // Size of MetaPath
                         // Set to zero if not specified
    MetaPath: UINT8[]; // File path for metadata
                       // UTF-8 string containing null characters
    SmiPathSize: UINT8; // Size of SmiPath
                        // Set to zero if not specified
    SmiPath: UINT8[]; // File path for TakeInfo
```

```
                    // UTF-8 string containing null characters
    TransferDirSize: UINT16; // Size of TransferDir
                             // Set to zero if not specified
    TransferDir: UINT8[]; // Transfer directory
                          // UTF-8 string containing null characters
    InFrame: UINT32; // In point (for trimming), Set to 0 if not used
                     // Version 1.01 or later
    OutFrame: UINT32; // Out point (for trimming), Set to 0 if not used
                      // Version 1.01 or later
    Duration: UINT32; // Original clip frame count, Set to 0 if not used
                      // Version 1.01 or later
    DestClipNameSize: UINT8; // Size of DestClipName
                             // Set to zero if not specified (specify less than 128)
                             // Version 1.01 or later
    DestClipName: UINT8[]; // Destination file name
                           // Version 1.01 or later
    LastUpdateSize: UINT8; // Size of LastUpdate
                           // Set to zero if not specified (specify less than 255)
                           // Version 1.01 or later
    LastUpdate: UINT8[]; // Update time
                         // For example, “2018-01-07T03:56:21+09:00”
                         // Version 1.01 or later
    UmidSize: UINT8; // Set to zero if not specified (specify 32 if used)
                     // Version 1.01 or later
    Umid: UINT8[32]; // umid
                     // Version 1.01 or later
    VideoCodecValue: UINT32; // Specify the value of “VideoCodecValue”
                             // from “Movie Trimming Transfer Support Information”
                             // Set to 0 if not used
                             // Version 1.01 or later
    reserved: INT8; // Always specify 0x01
                    // Version 1.01 or later
    reserved: INT8; // Always specify 0x01
                    // Version 1.01 or later
  }[]; // Variable-length
};

enum SlotID: UINT32
{
  Invalid      = 0x00000000,
  Media SLOT1  = 0x00000001,
  Media SLOT2  = 0x00000002,
  Media SLOT3  = 0x00000003,
};
```

For Get

```
type FTPJobList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  SyncID: UINT32 // Sync ID for FTP Job List
  JobInfoNum: UINT32; // Number of JobInfo
  JobInfo: {
    JobInfoSize: UINT32; // Size of JobInfo (including its own size)
                         // Version 1.01 or later
    JobID: UINT32; // Job ID
    ServerID: UINT32; // Destination server ID
    SlotID: UINT32;
    JobStatus: UINT32;
    ChunkNum: UINT32; // Total number of chunks
    FileSize: UINT64; // File size
    TransferSize: UINT64; // Transferred Size
    ClipNameSize: UINT8; // Size of ClipName
```

```
    ClipName: UINT8[]; // Destination file name
                       // UTF-8 string containing null characters
    MainNameSize: UINT8; // Size of MainName
                         // Version 1.01 or later
    MainName: UINT8[]; // Original main file name
                       // UTF-8 string containing null characters
                       // Version 1.01 or later
    MetaNameSize: UINT8; // Size of MetaName
    MetaName: UINT8[]; // Original meta file name
                       // UTF-8 string containing null characters
                       // Version 1.01 or later
  }[]; // Variable-length
};

enum SlotID: UINT32
{
  Invalid      = 0x00000000,
  Media SLOT1  = 0x00000001,
  Media SLOT2  = 0x00000002,
  Media SLOT3  = 0x00000003,
};
enum JobStatus: UINT32
{
  Invalid                                   = 0x00000000,
  TransferWaiting                           = 0x00000100,
  Transferring                              = 0x00000200,
  Completed                                 = 0x00000400,
  Aborted                                   = 0x00000800,
  OtherError                                = 0x00010000,
  AuthenticationError                       = 0x00010001,
  ServerCapacityOver                        = 0x00010002,
  NoFileToSendOrSourceNotAccessible         = 0x00010003,
  InvalidDestinationCertificateFormat       = 0x00010004,
  NoSourceMediaOrNotAccessible              = 0x00010005,
  DestinationHostNameNotResolvable          = 0x00010006,
  IncorrectDestinationServerSettings        = 0x00010007,
  UploadFailed                              = 0x00010008,
  DestinationCertificateNotYetValid         = 0x00010009,
  DestinationCertificateExpiredOrRevoked    = 0x0001000A,
  DestinationServerNotSupportingPassiveMode = 0x0001000B,
  SegmentTransferFailed                     = 0x0001000C
};

The display for each status can be obtained
from FTP.JobStatus.DisplayList in SDIO_GetDisplayStringList.
```

For Stop / Restart

```
type FTPJobList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  JobInfoNum: UINT32; // Number of JobInfo
  JobInfo: {
    JobInfoSize: UINT32; // Size of JobInfo (including its own size)
                         // Version 1.01 or later
                         // Specify 8
    JobID: UINT32; // Job ID
  }[]; // Variable-length
};
```

For Delete

```
type FTPJobList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  JobInfoNum: UINT32; // Number of JobInfo
                      // When specifying all contents or completed contents,
                      // specify 0xFFFF and do not store JobInfo.
  JobInfo: {
    JobInfoSize: UINT32; // Size of JobInfo (including its own size)
                         // Version 1.01 or later
                         // Specify 8
    JobID: UINT32; // Job ID
  }[]; // Variable-length
};
```

OSDImageMetaInfo

```
type OSDImageMetaInfo {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  MetaInfo: { // On models that support vertical UI,
              // the OSD image is sent rotated to match the camera's orientation.
              // The YUV image must be rotated according to
              // the “YUV image tilt” before being overlaid.
    YuvLayout: UINT32; // 0x00: none, any other value: exists
    YuvLayoutInformation: {
      X-axisMaximum: UINT32; // Maximum X-axis value of OSD image.
      X-axisMaximum: UINT32; // Maximum Y-axis value of OSD image.
      YuvPosition: {        // Center reference position.
        X-position: UINT32; // X-position of YUV Layout.
        Y-position: UINT32; // Y-position of YUV Layout.
        Width: UINT32;      // Width of YUV Layout.
        Height: UINT32;     // Height of YUV Layout.
      };
      YUV ImageTilt: UINT32; // YUV image tilt angle 0 degree to 359 degree.
                             // Version 1.01 or later
    };
  };
};
```

ControlPTZF

```
type ControlPTZF {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  DriveSetting: { // If Control Type is Absolute/Relative/Direction Drive,
                  // one of the following fields must be stored.
    AbsoluteDriveSetting: { // Set when Control Type is Absolute Drive
      PanExists: UINT8; // 0x00: false, any other value: true
      PanSetting: { // PanSetting only exists when PanExists is true
        PanPosition: INT32;
        PanSpeed: INT32;
      };
      TiltExists: UINT8; // 0x00: false, any other value: true
      TiltSetting: { // TiltSetting only exists when TiltExists is true
```

```
        TiltPosition: INT32;
        TiltSpeed: INT32;
      };
    };
    RelativeDriveSetting: { // Set when Control Type is Relative Drive
      PanExists: UINT8; // 0x00: false, any other value: true
      PanSetting: { // PanSetting only exists when PanExists is true
        PanPosition: INT32;
        PanSpeed: INT32;
      };
      TiltExists: UINT8; // 0x00: false, any other value: true
      TiltSetting: { // TiltSetting only exists when TiltExists is true
        TiltPosition: INT32;
        TiltSpeed: INT32;
      };
    };
    DirectionDriveSetting: { // Set when Control Type is Direction Drive
      PanExists: UINT8; // 0x00: false, any other value: true
      PanSetting: { // PanSetting only exists when PanExists is true
        PanSpeed: INT32;
      };
      TiltExists: UINT8; // 0x00: false, any other value: true
      TiltSetting: { // TiltSetting only exists when TiltExists is true
        TiltSpeed: INT32;
      };
    };
  };
};
```

SetPresetPTZF

For Set

```
type SetPresetPTZF {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  PresetSetSetting: {
    PresetNumber: UINT16;
    SettingType: UINT8;
    Thumbnail: UINT8; // Set ON (0x01) if you want to create a thumbnail image
                      // from the camera image displayed in live view
                      // Set OFF (0x02) if you do not want to create a thumbnail image
                      // Valid when SettingType is set to “Current Position (0x01)”
  };
};

enum SettingType: UINT8
{
  CurrentPosition  = 0x01
};
```

For Clear

```
type SetPresetPTZF {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  PresetClearSetting: {
    PresetNumber: UINT16;
    reserved: UINT8[2];
```

```
  };
};
```

FirmwareUpdateInfo

```
type FirmwareUpdateInfo {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  FirmwareInMedia: {
    ErrorCause: UINT8;
    Exists: UINT8; // 0x01: Updateable firmware exists
                   // 0x00: No updateable firmware exists
    FirmwareVersion: {
      Length: UINT8;   // Size of FirmwareVersionString
      String: UINT8[]; // UTF-8 string containing null characters
    };
  };
};

enum ErrorCause: UINT8
{
  OK                    = 0x01,
  NG Media Error        = 0x02,
  NG Invalid Data       = 0x03,
  NG Invalid Version    = 0x04,
  NG Invalid Region     = 0x05,
  NG Invalid Model      = 0x06,
  NG Low Battery        = 0x07,
  NG Bad Battery        = 0x08,
  NG General/OtherError = 0x40,
};
```

StreamSettingList

For Get

```
type StreamSettingList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  VideoStreamSetting: UINT32 // Number of VideoStreamSetting
  StreamSettings: {
    StreamProtocol: UINT8; // Protocol Settings
                           // Bit assignments for StreamProtocol:
                           // Bit 0: RTMP
                           // Bit 1: SRT
                           // Bits 2-7: Reserved
    StreamProtocolPermission: UINT8; // Obtaining permission for a specified communication protocol
                                     // The value changes depending on the permissions of
                                     // settings for a stream protocol
                                     // Bit assignments for StreamProtocolPermission:
                                     // Bit 0: RTMP
                                     // Bit 1: SRT
                                     // Bits 2-7: Reserved
    StreamURLLength: UINT16; // Streaming destination URL string length
                             // Url string containing null characters length
                             // Length is one or more
    StreamUrl: UINT8[]; // Streaming destination Url string
                        // Url string containing null characters
```

```
                      // UTF-8 string containing null characters
    StreamPortExists: UINT8; // 0x00: false, any other value: true
    StreamPortSetting: { // StreamPortSetting only exists when StreamPortExists is true
      StreamPort: UINT32; // Streaming destination port number
                          // Range is 1 to 65535
                          // Used only when SRT is specified
    };
    StreamKeyExists: UINT8; // 0x00: false, any other value: true
    StreamKeySetting: { // StreamKeySetting only exists when StreamKeyExists is true
      StreamKeyLength: UINT16; // Stream key containing null characters length
                               // Length is one or more
      StreamKey: UINT8[]; // Stream key containing null characters
                          // Used only when RTMP is specified
    };
    StreamLatencyExists: UINT8; // 0x00: false, any other value: true
    StreamLatencySetting: { // StreamLatencySetting only exists when StreamLatencyExists is true
      StreamLatency: UINT16; // Streaming delay time
                             // Time for the camera to buffer
                             // Range is 20 to 8000msec
                             // Used only when SRT is specified
    };
    StreamTTLExists: UINT8; // 0x00: false, any other value: true
    StreamTTLSetting: { // StreamTTLSetting only exists when StreamTTLExists is true
      StreamTTL: UINT8; // Streaming TTL(Maximum number of transfers)
                        // Range is 1 to 255
                        // Used only when SRT is specified
    };
    StreamCipherExists: UINT8; // 0x00: false, any other value: true
    StreamCipherSetting: { // Only exists when StreamCipherExists is true
      StreamCipherType: UINT8; // Streaming cipher type
                               // Used only when SRT is specified
                               // For values, see DeviceProperty 0xD113:Stream Cipher Type value
      StreamCipherKeyLength: UINT8; // Streaming cipher key containing null characters length
                                    // The length must be between 1 and 80
      StreamCipherKey: UINT8[]; // Streaming cipher key containing null characters
                                // If there is no cipher Key, only a null terminator
                                // Used only when SRT is specified
    };
    StreamModeSettingExists: UINT8; // 0x00: false, any other value: true
    StreamModeSetting: { // Only exists when StreamModeSettingExists is true
      StreamMode: UINT8; // Streaming mode
                         // Used only when SRT is specified
                         // For values, see DeviceProperty 0xD118:Stream Mode Setting value
    };
  }[]; // Variable-length
};

The StreamProtocolPermission shall be a bit of an assignment. For example,
0x00: no protocols allowed
0x01: RTMP is allowed
0x02: SRT is allowed.
0x03: RTMP and SRT are allowed
```

For Set

```
type StreamSettingList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  VideoStreamSetting: UINT32; // Number of VideoStreamSetting
  StreamSettings: {
    StreamProtocol: UINT8; // Protocol Settings
                           // For capabilities, see “StreamProtocolPermission” in Get
    StreamURLLength: UINT16; // Streaming destination URL string length
```

```
                            // Url string containing null characters length
                            // Length is one or more
    StreamUrl: UINT8[]; // Streaming destination Url string
                        // Url string containing null characters
                        // UTF-8 string containing null characters
    StreamPortExists: UINT8; // 0x00: false, any other value: true
    StreamPortSetting: { // StreamPortSetting only exists when StreamPortExists is true
      StreamPort: UINT32; // Streaming destination port number
                          // Range is 1 to 65535
                          // Used only when SRT is specified
    };
    StreamKeyExists: UINT8; // 0x00: false, any other value: true
    StreamKeySetting: { // StreamKeySetting only exists when StreamKeyExists is true
      StreamKeyLength: UINT16; // Stream key containing null characters length
                               // Length is one or more
      StreamKey: UINT8[]; // Stream key containing null characters
                          // Used only when RTMP is specified
    };
    StreamLatencyExists: UINT8; // 0x00: false, any other value: true
    StreamLatencySetting: { // StreamLatencySetting only exists when StreamLatencyExists is true
      StreamLatency: UINT16; // Streaming delay time
                             // Time for the camera to buffer
                             // Range is 20 to 8000ms
                             // Used only when SRT is specified
    };
    StreamTTLExists: UINT8; // 0x00: false, any other value: true
    StreamTTLSetting: { // StreamTTLSetting only exists when StreamTTLExists is true
      StreamTTL: UINT8; // Streaming TTL(Maximum number of transfers)
                        // Range is 1 to 255
                        // Used only when SRT is specified
    };
    StreamCipherExists: UINT8; // 0x00: false, any other value: true
    StreamCipherSetting: { // StreamCipherSetting only exists when StreamCipherExists is true
      StreamCipherType: UINT8; // Streaming cipher type
                               // Used only when SRT is specified
                               // For values, see DeviceProperty 0xD113:Stream Cipher Type value
      StreamCipherKeyLength: UINT8; // Streaming cipher key containing null characters length
                                    // The length must be between 1 and 80
      StreamCipherKey: UINT8[]; // Streaming cipher key containing null characters
                                // If there is no cipher Key, only a null terminator
                                // Used only when SRT is specified
    };
    StreamModeSettingExists: UINT8; // 0x00: false, any other value: true
    StreamModeSetting: { // StreamModeSetting only exists when StreamModeSettingExists is true
      StreamMode: UINT8; // Used only when SRT is specified
                         // For values, see DeviceProperty 0xD118:Stream Mode Setting value
    };
  };
};
```

EframingCommand

```
type EframingCommand {
  Information: {
    Length: UINT32; // Length (bytes) from the next feed to the end.
    Version: UINT32; // Eframing Command Version
    reserved: UINT8[8];
  };
  EframingInfo: {
    HorizontalDenominator: INT32; // Horizontal position normalization denominator (1024x value).
    VerticalDenominator: INT32; // Vertical position normalization denominator (1024x value).
    EframingType: UINT8; // Set the same value as DeviceProperty Eframing Type (0xD122).
    InputAreaSpecifiedMethod: UINT8; // How to specify the coordinates of the rectangle
                                     // to be set in InputInfo and OutputInfo.
```

```
                                    // 0x00: Absolute coordinates
                                    // 0x01: Relative coordinates
    reserved: UINT8[2];
    AreaInfoList: {
      AreaNum: UINT32; // Number of Area Info.
      reserved: UINT8[4];
      AreaInfo: { // Set all AreaInfo required for the specified EFramingType.
                  // If EFramingType is “None”, “Auto”, “Hold Current Position” or
                  // “Force Zoom Out”, there is no need to set AreaInfo.
                  // If EFramingType is “Single” or “PTZ”, set AreaNo to 1.
        AreaNo: UINT16; // The unique AreaInfo number required for the specified EframingType.
        reserved: UINT8[6];
        InputInfo: { // Information on the crop area.
          IsAreaEnable: UINT8; // 0x01: Enable the InputInfo.
                               // 0x00: Disable the InputInfo.
          reserved: UINT8[7];
          Rectangle: {
            HorizontalPosition: INT32; // Horizontal position numerator (1024x value).
            VerticalPosition: INT32; // Vertical position numerator (1024x value).
            Width: INT32; // Width (1024x value).
            Height: INT32; // Height (1024x value).
          };
        };
        reserved: UINT8[24];
      }[]; // Variable-length
    };
  };
};
```

ContentInfoList

```
type ContentInfoList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  DatabaseInformation {
    DataTime: UINT64; // Unix Time: UTC (ms)
                      // List creation time
                      // (no update on addition; deletion or modification requires time update)
    PhysicalMediaID: UINT8[64]; // Media ID
    DatabaseID: UINT8[64]; // Database ID
    SlotID: UINT32; // Slot number
  };
  ContentsList {
    ListNum: UINT32; // Number of Contents
    Contents {
      ContentType: UINT32;
      ContentID: UINT32; // Unique ID within the slot
      DirNumber: UINT32; // Only for still images; for videos, it is fixed at 0
      FileNumber: UINT32; // Only for still images; for videos, it is fixed at 0
      GroupType: UINT32; // Only for still images; for videos, it is fixed at 0
      GroupID: UINT32; // Only for still images; for videos, it is fixed at 0
      Representative: UINT32; // 0: false, any other value: true
      CreationDateTime: UINT64; // Unix Time: UTC (ms)
      ModificationDateTime: UINT64; // Unix Time: UTC (ms)
      CreationDateTimeLocalTime: UINT64; // Unix Time: Localtime (ms)
      ModificationDateTimeLocalTime: UINT64; // Unix Time: Localtime (ms)
      Rating: INT32; // -1  : Rating not required
                     // 0   : No rating
                     // 1–5 : Rating
      ProtectionStatus: UINT32; // 0: false, any other value: true
      DummyContent: UINT32; // 0: false, any other value: true
      ShotmarkNum: UINT32; // Number of Shotmarks
```

```
      Shotmarks {
        Shotmark: UINT8; // 0: disable, 1: enable
                         // If any shot mark type is enabled, then enable
      }[]; // Variable-length
      FileNum: UINT32; // Number of Files
      Files{
        FileID: UINT16; // Unique ID within contentsID
        reserved: UINT8[2];
        FilePathLength: UINT32; Length of FilePath
        FilePath: UINT8[]; // UTF-8 string containing null characters
        FileFormat: UINT32;
        FileSize: UINT64;
        UMID: UINT8[32];
        isImageParamExist: UINT32; // 0: false, any other value: true
        ImageParam {
          ImagePixWidth: UINT32; // For still images
          ImagePixHeight: UINT32; // For still images
        }; // ImageParam only exists when isImageParamExist is true
        isVideoParamExist: UINT32; // 0: false, any other value: true
        VideoParam {
          StartTimeCode: UINT32;
          EndTimeCode: UINT32;
          VideoCodec: UINT32;
          ProxyStatus: UINT32; // 0: false, any other value: true
          GOP_Structure: UINT32;
          Width: UINT32;
          Height: UINT32;
          AspectRatio: UINT32;
          ColorFormat: UINT32;
          ImageBitDepth: UINT32;
          FramesPerThousandSeconds: UINT32;
          ScanType: UINT32;
          BitRateMbps: UINT32;
          ImageFramesPerThousandSeconds: UINT32;
          ProfileIndication: UINT32;
          ProfileLevel: UINT32; // Set in BCD format,
                                // for example: 4.1 → 0x41
          Rdd18metaCaptureGammaEquation: UINT32;
          Rdd18metaColorPrimaries: UINT32;
          Rdd18metaCodingEquations: UINT32;
        }; // VideoParam only exists when isVideoParamExist is true
        isAudioParamExist: UINT32; // 0: false, any other value: true
        AudioParam {
          AudioCodec: UINT32;
          AudioBitDepth: UINT32;
          SamplingRate: UINT32;
          NumberOfChannels: UINT32;
        }; // AudioParam only exists when isAudioParamExist is true
      }[]; // Variable-length
    }[]; // Variable-length
  };
};

If content is deleted while retrieving the list,
valid content will be compacted toward the beginning of the list,
and the remaining areas will be filled with zeros.
Since content_type will be set to 0, this can be used to identify deleted content.
When there are changes to the content list, SDIE_ContentsInfoListChanged will be notified.
Please retrieve the list again as needed.
When retrieving the list during content saving,
the file_size of the content being saved may be 0.
In such cases, please retrieve the list again.

enum ContentType: UINT32
{
```

```
  UNSPECIFIED  = 0x00000000,
  DCF          = 0x00000001,
  M4STYLE      = 0x00000004,
  XDSTYLE      = 0x00000008,
  PXSTYLE      = 0x00000010,
};
enum GroupType: UINT32
{
  UNSPECIFIED   = 0x00000000,
  CONTINUATION  = 0x00000001,
  TIMELAPSE     = 0x00000002,
  BRACKET       = 0x00000003,
};
enum FileFormat: UINT32
{
  UNSPECIFIED  = 0x00000000,
  JPEG         = 0x00003801,
  RAW          = 0x0000B101,
  HEIF         = 0x0000B110,
  WAV          = 0x00003008,
  MP4          = 0x0000B982,
  XML          = 0x0000BA82,
};
enum VideoCodec: UINT32
{
  UNSPECIFIED  = 0x00000000,
  AVC(H264)    = 0x48323634,
  HEVC(H265)   = 0x48323635,
};
enum GOP_Structure: UINT32
{
  UNSPECIFIED  = 0x00000000,
  LongGOP      = 0x00000001,
  IntraFrame   = 0x00000002,
};
enum AspectRatio: UINT32
{
  UNSPECIFIED  = 0x00000000,
  4_3          = 0x00000001,
  16_9         = 0x00000002,
  3_2          = 0x00000003,
  1_1          = 0x00000004,
  17_9         = 0x00000005,
  256_135      = 0x00000006, // Used for 4096x2160, 2048x1080
};
enum ColorFormat: UINT32
{
  UNSPECIFIED  = 0x00000000,
  YCbCr420     = 0x00000001, // YC420
  YCbCr411     = 0x00000002, // YC411
  YCbCr422     = 0x00000003, // YC422
  RGB444       = 0x00000011,
  RGBA4444     = 0x00000012,
};
enum ScanType: UINT32
{
  UNSPECIFIED       = 0x00000000,
  Interlace         = 0x00000001,
  Progressive       = 0x00000002,
  PsedoProgressive  = 0x00000003,
  TrueProgressive   = 0x00000004,
};
enum ProfileIndication: UINT32
{
  High        = 0x00000001,
```

```
  Main        = 0x00000002,
  StereoHigh  = 0x00000003,
  High422     = 0x00000004,
  Main10      = 0x00000005,
  Main422_10  = 0x00000006,
};
enum Rdd18metaCaptureGammaEquation: UINT32
{
  UNSPECIFIED             = 0x00000000,
  CINE1                   = 0x00000001,
  CINE2                   = 0x00000002,
  CINE3                   = 0x00000003,
  CINE4                   = 0x00000004,
  S-Log                   = 0x00000021,
  R709_800Percent         = 0x00000024,
  S-Log2                  = 0x00000028,
  ReproducedUnknownLabel  = 0x00000030,
  ITU-R_Rec_BT709         = 0x00000035,
  UserDefinedCurve9       = 0x00000049,
  NXCAM_Standard          = 0x00000051,
  NXCAM_StillCameraLike   = 0x00000052,
  xvYCC                   = 0x00000053, // IEC 61966-2-4
  S-Log3_S-Gamut3         = 0x00000054,
  S-Log3_S-Gamut3Cine     = 0x00000055,
  ITU-R_Rec_BT2020        = 0x00000056,
  ITU-R_Rec_BT2100        = 0x00000058, // Hybrid Log-Gamma
  NXCAM_Cinematone1       = 0x00000061,
  NXCAM_Cinematone2       = 0x00000062,
  Still_sRGB              = 0x0000F000,
  InvalidValue            = 0x0000FFFF,
};
enum Rdd18metaColorPrimaries: UINT32
{
  DeterminedByTheOtherProperties    = 0x00000000,
  ITU-R_BT_Rec_709_ColorPrimaries   = 0x00000031,
  ITU-R_BT_Rec_2020_ColorPrimaries  = 0x00000032,
  SonyGamutForS-Log                 = 0x00000033,
  SonyGamut3ForS-Log3               = 0x00000034,
  SonyGamut3ForR709_DCI-P3          = 0x00000035,
  UnknownStandard                   = 0x0000003F,
  Still_sRGB                        = 0x0000F000,
  InvalidValue                      = 0x0000FFFF,
};
enum Rdd18metaCodingEquations: UINT32
{
  DeterminedByTheOtherProperties          = 0x00000000,
  ITU-R_BT_Rec_601_CodingEquations        = 0x00000001,
  ITU-R_BT_Rec_709_CodingEquations        = 0x00000002,
  ITU-R_BT_Rec_2020_NonConstantLuminunce  = 0x00000005,
  UnknownStandard                         = 0x0000000F,
  Still_sRGB                              = 0x0000F000,
  InvalidValue                            = 0x0000FFFF,
};
enum AudioCodec: UINT32
{
  UNSPECIFIED       = 0x00000000,
  LinearPCM         = 0x00000001,
  LinearPCMFloat    = 0x00000002,
  AAC_LC            = 0x00000180,
};
enum NumberOfChannels: UINT32
{
  UNSPECIFIED   = 0x00000000,
  Mono          = 0x00000010, // 1 Channel
  Stereo        = 0x00000020, // 2 Channels
```

```
  2_1_Channels  = 0x00000021,
  3_Channels    = 0x00000030,
  3_1_Channels  = 0x00000031,
  4_Channels    = 0x00000040,
  4_1_Channels  = 0x00000041,
  5_Channels    = 0x00000050,
  5_1_Channels  = 0x00000051,
  5_2_Channels  = 0x00000052,
  6_Channels    = 0x00000060,
  6_1_Channels  = 0x00000061,
  6_2_Channels  = 0x00000062,
  7_Channels    = 0x00000070,
  7_1_Channels  = 0x00000071,
  7_2_Channels  = 0x00000072,
  8_Channels    = 0x00000080,
  8_1_Channels  = 0x00000081,
  8_2_Channels  = 0x00000082,
  9_Channels    = 0x00000090,
  9_1_Channels  = 0x00000091,
  9_2_Channels  = 0x00000092,
};
```

PresetInfoList

```
type PresetInfoList {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  InfoList: {
    CameraPresetNum: UINT16; // Number of PresetInfo
    PresetInfo: {
      PresetInfoFlag: UINT8; // 0x01: No preset value, 0x02: Preset value available
      LensModelName: STR; // Lens name (display name on the menu)
      ZoomDistance: UINT32; // Zoom position (unit: 0.001 mm)
      FocalDistance: UINT32; // Focus position (unit: 0.001 m, 0xFFFFFFFF = infinity)
      ZoomOnlyEnableStatus: UINT8; // 0x01: Disable, 0x02: Enable
      ZoomOnlyValue: UINT8; // 0x01: OFF, 0x02: ON
    }[]; // Variable-length
  };
};
```

FTPResultDataset

```
type FTPResultDataset {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  FTPResult: {
    NumberOfSuccessTransferImage: UINT32;
    NumberOfFailTransferImage: UINT32;
  };
};
```

AreaTimeZoneDataset

For Get

```
type AreaTimeZoneDataset {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  AreaDateTimeInfo: {
    DateTime: UINT8[18]; // YYYYMMDDThhmmss.s
                         // UTF-8 string containing null characters
    AreaSetting: UINT8[6]; // ±hhmm
                           // UTF-8 string containing null characters
    DaylightSavings: UINT8; // 0x00: OFF, 0x01: ON
  };
};
```

For Set

```
type AreaTimeZoneDataset {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  AreaTimeZoneSetting: {
    DateTimeExists: UINT8; // 0: false, any other value: true
    DateTime: UINT8[18]; // YYYYMMDDThhmmss.s
                         // UTF-8 string containing null characters
                         // DateTime only exists when DateTimeExists is true
    AreaSettingExists: UINT8; // 0: false, any other value: true
    AreaSetting: UINT8[6]; // ±hhmm
                           // UTF-8 string containing null characters
                           // AreaSetting only exists when AreaSettingExists is true
    DaylightSavingsExists: UINT8; // 0: false, any other value: true
    DaylightSavings: UINT8; // 0x00: OFF, 0x01: ON
                            // DaylightSavings only exists when DaylightSavingsExists is true
  };
};
```

LicenseInfoListDataset

```
type LicenseInfoListDataset {
  Information: {
    Version: UINT16; // Data version (100x value)
    reserved: UINT8[2];
  };
  LicenseInfoNum: UINT8; // Number of LicenseInfo
  Reserved: UINT8[3];
  LicenseInfo: {
    Length: UINT32; // Size (bytes) of this LicenseInfo entry,
                    // including the Length field itself
    RemainingHours: UINT32; // Remaining hours
                            // 0xFFFFFFFF indicates infinity
    Reserved: UINT32;
    LicenseIDSize: UINT8; // Size of LicenseID
    LicenseID: UINT8[]; // License ID containing null characters
    InstallKeyIDSize: UINT8; // Size of InstallKeyID
    InstallKeyID: UINT8[]; // Install key ID containing null characters
    Reserved: UINT8[]; // Variable-length
  }[]; // Variable-length
};
```

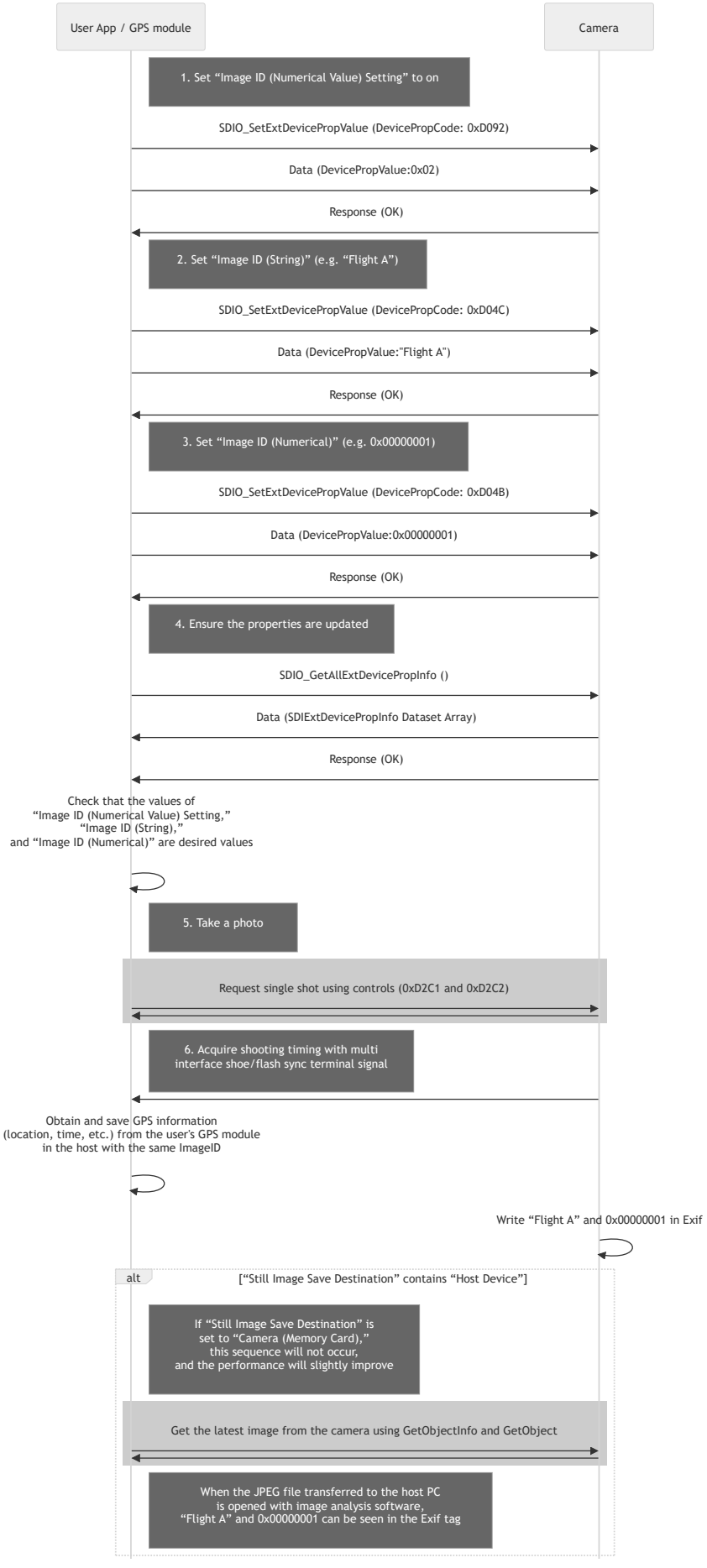
LicenseID specification

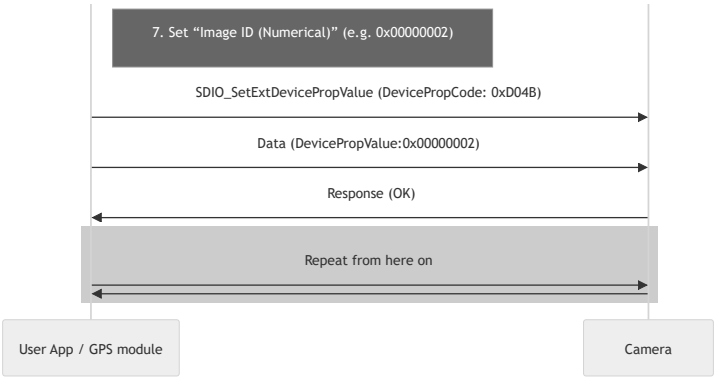
LicenseID	Product Name	License Display Group Name	Period (hour)	License Display Group Description
2566	LCN-CG1	Custom Grid Line License	Infinity	You can add the function to display your own grid lines created with Custom Gridline Generator on the electronic viewfinder (EVF) and LCD screen.
2594	LCN-CCM1	Color Calibrator License	744	Create LUTs to make your color calibration process easier.
2595	LCN-CCY1	Color Calibrator License	8784	Create LUTs to make your color calibration process easier.
2597	LCN-CDPM1	Camera and Display Plugin License	744	Activate a various features of the Camera and Display Plugin to make your virtual production process more efficient.
2596	LCN-CDPY1	Camera and Display Plugin License	8784	Activate a various features of the Camera and Display Plugin to make your virtual production process more efficient.
2600	LCN-DSBY1	[For Still Image] Digital Signature Upgrade License	8784	Adds the digital signature function required for authenticity verification including C2PA compliance.
2620	LCN-CGY1	Custom Grid Line License	8784	You can add the function to display your own grid lines created with Custom Gridline Generator on the electronic viewfinder (EVF) and LCD screen.
2621	LCN-CGM1	Custom Grid Line License	744	You can add the function to display your own grid lines created with Custom Gridline Generator on the electronic viewfinder (EVF) and LCD screen.
2626	LCN-STP	Scan & Tag Upgrade License	Infinity	You can scan QR codes or barcodes on camera and embed the scanned information into the image file at shooting timing.
2633	LCN-STY1	Scan & Tag Upgrade License	8784	You can scan QR codes or barcodes on camera and embed the scanned information into the image file at shooting timing.
2627	LCN-STM1	Scan & Tag Upgrade License	744	You can scan QR codes or barcodes on camera and embed the scanned information into the image file at shooting timing.
2634	LCN-PCP	In-camera Photo Cropping Upgrade License	Infinity	You can crop the image at the shooting timing in camera automatically by registering the crop area created with Custom Gridline Generator in advance.
2623	LCN-PCY1	In-camera Photo Cropping Upgrade License	8784	You can crop the image at the shooting timing in camera automatically by registering the crop area created with Custom Gridline Generator in advance.
2630	LCN-PCM1	In-camera Photo Cropping Upgrade License	744	You can crop the image at the shooting timing in camera automatically by registering the crop area created with Custom Gridline Generator in advance.
2624	LCN-VLCP	Volume Photography Commands Upgrade License	Infinity	You can use Camera Remote Toolkit commands specialized in Volume Photography market by activating this license.
2629	LCN-VLCY1	Volume Photography Commands Upgrade License	8784	You can use Camera Remote Toolkit commands specialized in Volume Photography market by activating this license.
2625	LCN-VLCM1	Volume Photography Commands Upgrade License	744	You can use Camera Remote Toolkit commands specialized in Volume Photography market by activating this license.
2533	4k120p	4K 120p Upgrade License	Infinity	You can add the function to shoot 120p/100p high-frame-rate videos in 4K.
2575	lcn-mfdci4k	DCI 4K / 24.00p Upgrade License	Infinity	You can add the function to shoot in videos at DCI 4K, the standard for digital cinema.

Tips

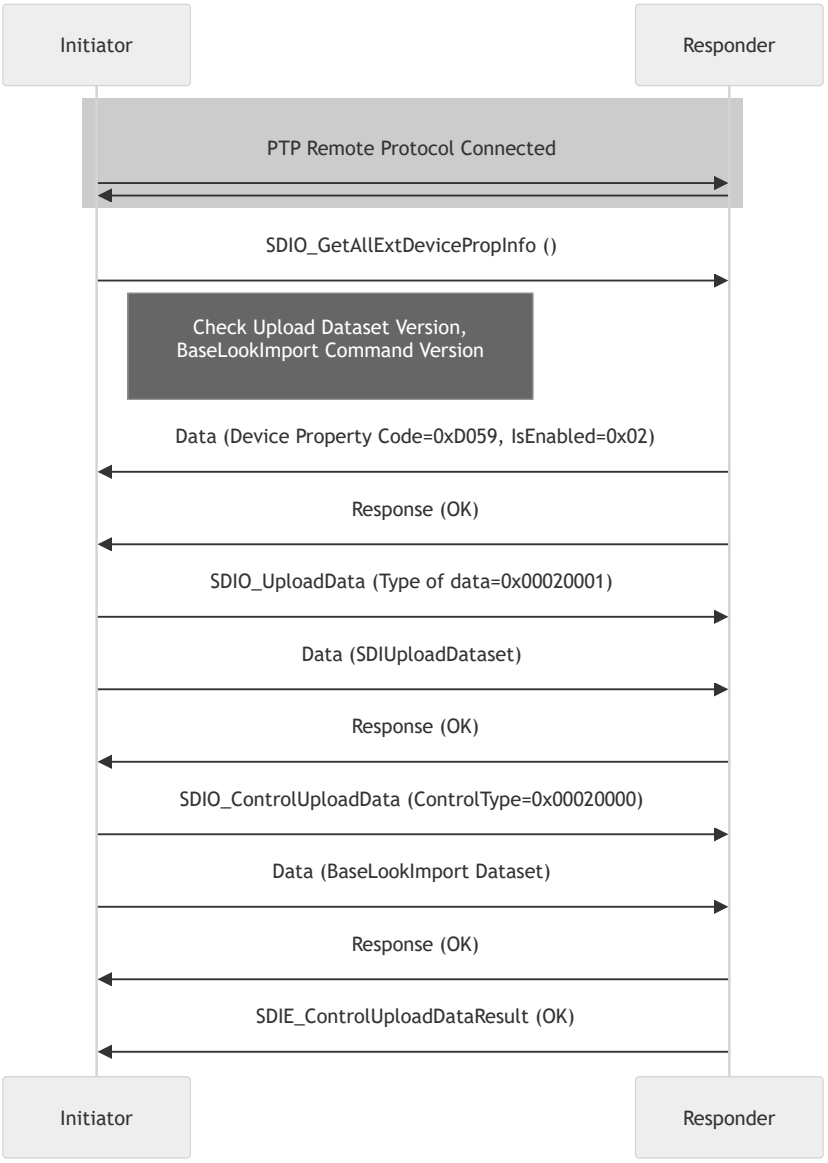
Linking GPS Information with Shooting Images

After shooting, if the information recorded in the Exif tag of the image file is collated with the GPS information, the image can be synchronized with the GPS information with high accuracy by using the “ImageID” feature. The ImageID provided is stored in the Exif data of the image, in Exif tags `0x2042` and `0x2043`. After the flight, post-processing is required to reconcile the GPS data stored in the host with each image, using ImageID as a reconciliation index.


User App / GPS module
Camera
1. Set “Image ID (Numerical Value) Setting” to on
SDIO_SetExtDevicePropValue (DevicePropCode: 0xD092)
Data (DevicePropValue:0x02)
Response (OK)
2. Set “Image ID (String)” (e.g. “Flight A”)
SDIO_SetExtDevicePropValue (DevicePropCode: 0xD04C)
Data (DevicePropValue:"Flight A")
Response (OK)
3. Set “Image ID (Numerical)” (e.g. 0x00000001)
SDIO_SetExtDevicePropValue (DevicePropCode: 0xD04B)
Data (DevicePropValue:0x00000001)
Response (OK)
4. Ensure the properties are updated
SDIO_GetAllExtDevicePropInfo ()
Data (SDIExtDevicePropInfo Dataset Array)
Response (OK)
Check that the values of
“Image ID (Numerical Value) Setting,”
“Image ID (String),”
and “Image ID (Numerical)” are desired values
5. Take a photo
Request single shot using controls (0xD2C1 and 0xD2C2)
6. Acquire shooting timing with multi
interface shoe/flash sync terminal signal
Obtain and save GPS information
(location, time, etc.) from the user's GPS module
in the host with the same ImageID
Write “Flight A” and 0x00000001 in Exif
alt
[“Still Image Save Destination” contains “Host Device”]
If “Still Image Save Destination” is
set to “Camera (Memory Card),”
this sequence will not occur,
and the performance will slightly improve
Get the latest image from the camera using GetObjectInfo and GetObject
When the JPEG file transferred to the host PC
is opened with image analysis software,
“Flight A” and 0x00000001 can be seen in the Exif tag



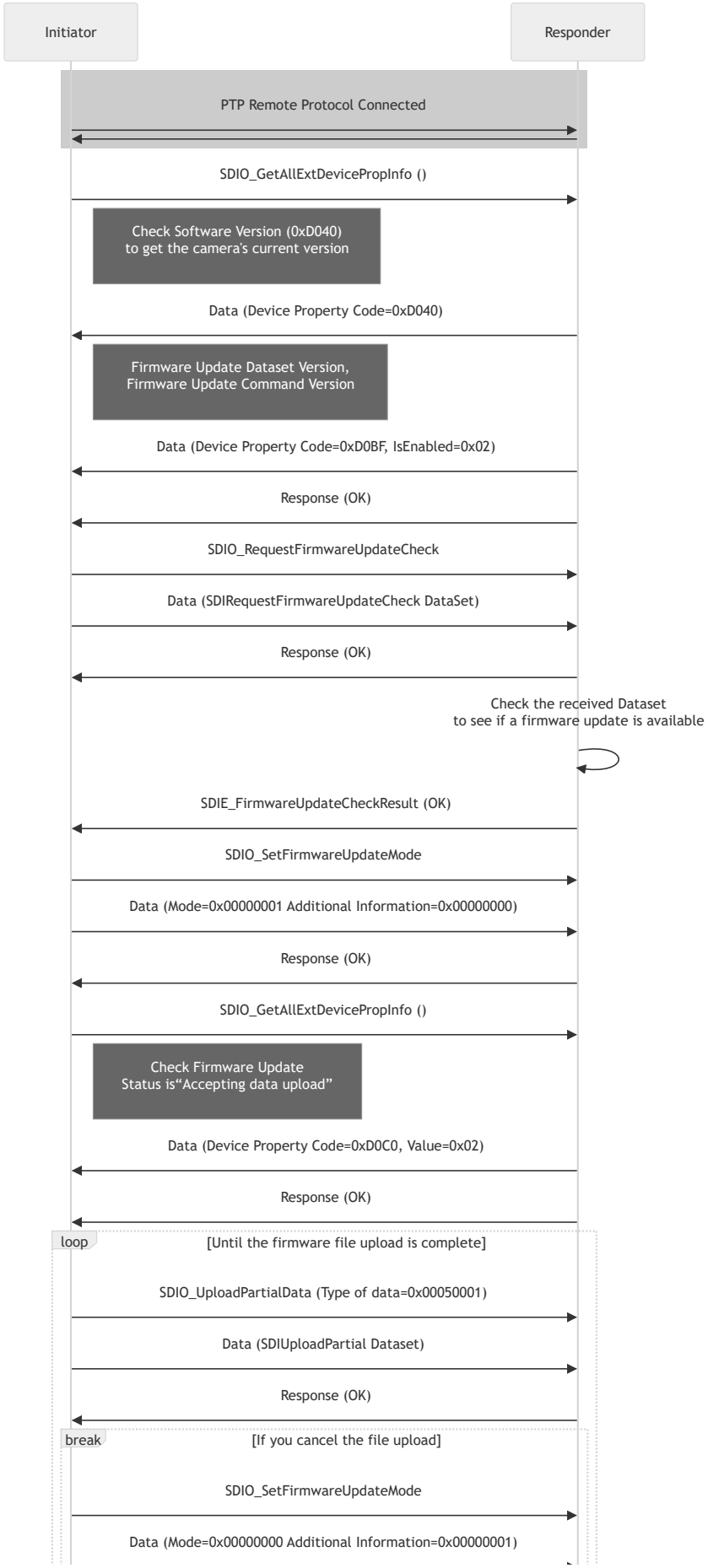
Import (Upload) the Cube File (LUT data)

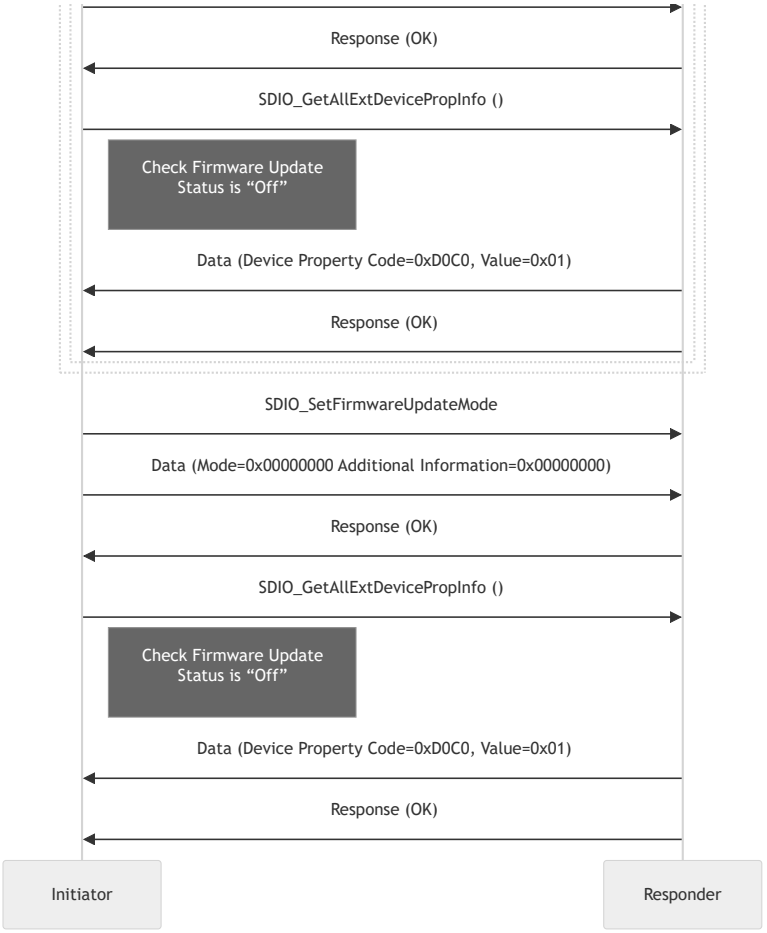


Perform a Firmware Update

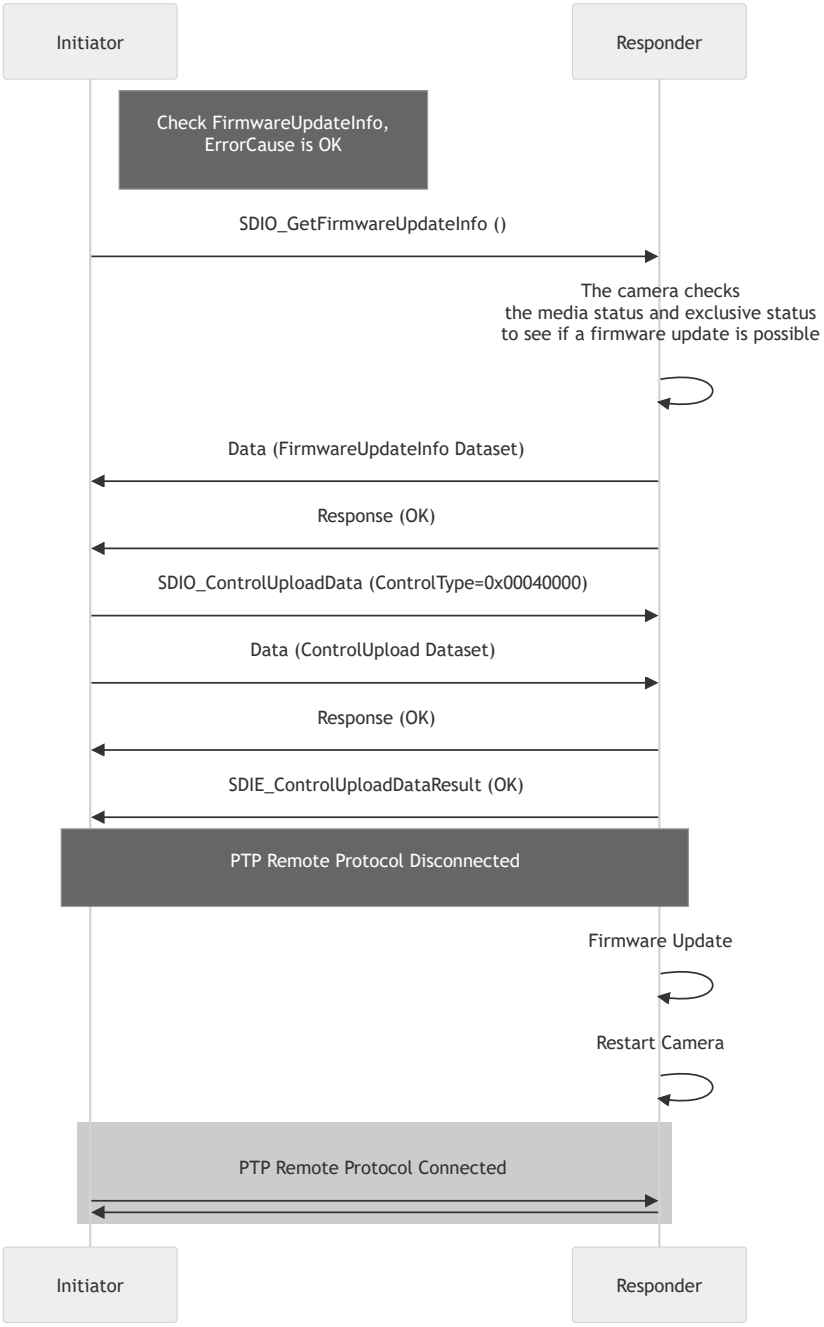
The firmware file is the same that is used for updates normally. It can be accessed from the support page. The memory card must be inserted into the camera to use this feature. Please confirm the precautions of the

support page.
First, transfer the firmware file to the camera.


Initiator
Responder
PTP Remote Protocol Connected
SDIO_GetAllExtDevicePropInfo ()
Check Software Version (0xD040)
to get the camera's current version
Data (Device Property Code=0xD040)
Firmware Update Dataset Version,
Firmware Update Command Version
Data (Device Property Code=0xD0BF, IsEnabled=0x02)
Response (OK)
SDIO_RequestFirmwareUpdateCheck
Data (SDIRequestFirmwareUpdateCheck DataSet)
Response (OK)
Check the received Dataset
to see if a firmware update is available
SDIE_FirmwareUpdateCheckResult (OK)
SDIO_SetFirmwareUpdateMode
Data (Mode=0x00000001 Additional Information=0x00000000)
Response (OK)
SDIO_GetAllExtDevicePropInfo ()
Check Firmware Update
Status is“Accepting data upload”
Data (Device Property Code=0xD0C0, Value=0x02)
Response (OK)
loop
[Until the firmware file upload is complete]
SDIO_UploadPartialData (Type of data=0x00050001)
Data (SDIUploadPartial Dataset)
Response (OK)
break
[If you cancel the file upload]
SDIO_SetFirmwareUpdateMode
Data (Mode=0x00000000 Additional Information=0x00000001)


Response (OK)
SDIO_GetAllExtDevicePropInfo ()
Check Firmware Update Status is “Off”
Data (Device Property Code=0xD0C0, Value=0x01)
Response (OK)
SDIO_SetFirmwareUpdateMode
Data (Mode=0x00000000 Additional Information=0x00000000)
Response (OK)
SDIO_GetAllExtDevicePropInfo ()
Check Firmware Update Status is “Off”
Data (Device Property Code=0xD0C0, Value=0x01)
Response (OK)
Initiator
Responder

Then, request an update to the camera.



Firmware files can be transferred and executed in debug mode.

You can test the remote firmware update process without using firmware data by using debug mode. This allow to test the feature before next firmware file is available.

1. Set Debug Mode (0xE0D5) to value 0x02 “Pseudo-update with Fake Firmware”
2. Run the same firmware update sequence as in the normal sequence
3. After the camera restarts, Debug Mode (0xE0D5) will automatically return to value 0x01 “OFF”

The camera update is complete immediately without an actual update.
Using a firmware file is not required to be a valid firmware file. You can use a dummy file.
The return value of SDIO_GetFirmwareUpdateInfo (0x9247) will always be “9.99” and “OK”
SDIE_ControlUploadDataResult (0xC214) will always return “OK”

Specification of the dummy firmware file.

- File Size: 200 MB – 1.5 GB
- Data: any

PTZF Operation

In pan/tilt type cameras, the SDIO_ControlPTZF command is supported. This command allows simultaneous control of pan and tilt.

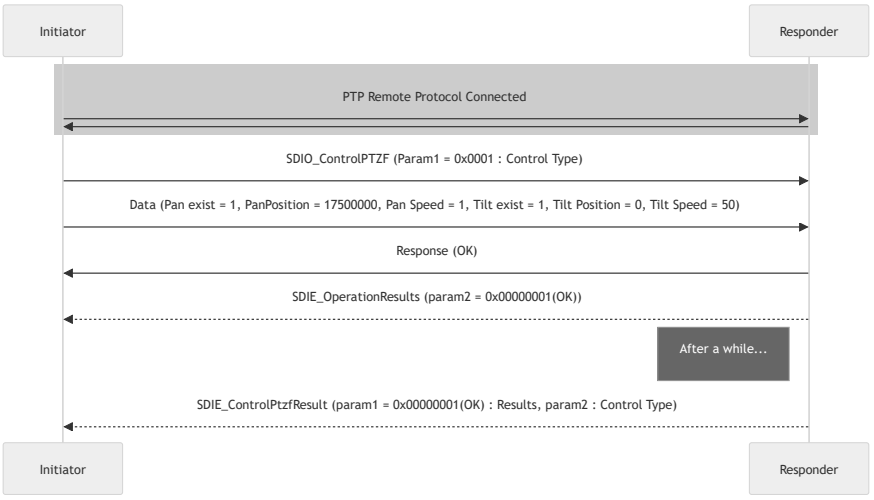
The SDIO_ControlPTZF command uses the ControlPTZF Binary data structure in the Data packet, which enables various types of pan/tilt control such as absolute movement, relative movement, speed-specified movement, stop instruction. The ControlPTZF Binary data structure is under version control and may be extended or changed in the future. To check which version of the ControlPTZF Binary data is in use by the Responder, please refer to ControlPTZF Binary Version(0xE0C0) device property.

The pan and tilt resolution of supported models may differ. Please note that it may include quantization errors. Therefore, after issuing a pan/tilt movement instruction, the reached position information can be confirmed by Pan Position Current Value(0xE0B6) and Tilt Position Current Value(0xE0B8) device property, respectively.

When moving the pan and tilt, pan and tilt speed parameters are also required. The speed range is determined by a combination of the “Speed Step” and “Speed Mode” settings. You can check these settings via the Web App menu by navigating to the “Pan-Tilt > P/T Speed > Speed” page. Additionally, the maximum speed value that can be specified depends on the model and “Speed Step” setting. For the differences in speed range for each model, please refer to the Detailed SDIO_ControlPTZF Usage. If the designated speed exceeds the maximum speed for Normal step but is within the range of the maximum speed for Extended step, the camera will move at the maximum speed for Normal step.

To ensure successful remote control, please note that the transmission interval for the SDIO_ControlPTZF command should be more than 100 ms.

The execution result of the SDIO_ControlPTZF command is returned as SDIE_ControlPTZFResult.
Below is an example sequence for the SDIO_ControlPTZF command when Control Type is set to “Absolute Drive.”



Detailed SDIO_ControlPTZF Usage

The pan and tilt position range of pan/tilt type cameras varies depending on models. As for the settable range of the pan/tilt positions, please refer to the ranges of values of Pan Position Current Value and Tilt Position Current Value device properties.

These pan/tilt type cameras are assumed to be placed on a desktop by default. However, you can also use it in a ceiling-mounted state by setting the “Setting Position” function to “Ceiling”. Regardless of whether the “Setting Position” is set to desktop or ceiling, the pan coordinate is positive in the counterclockwise direction when viewed from the zenith direction, and the tilt coordinate is positive in the zenith direction.

Pan/Tilt Position for Absolute drive

When issuing the SDIO_ControlPTZF command, set the ControlType information in Operation parameter 1 to determine the type of operation to be performed. Setting the ControlType to 1 specifies “Absolute Drive”. This allows you to specify the pan and tilt positions using absolute coordinate values regardless of the camera's current pan and tilt positions.

Pan/Tilt Position for Relative drive

Setting the ControlType to 2 in the Operation Parameter 1 of the SDIO_ControlPTZF command specifies “Relative Drive”. This allows you to specify the pan and tilt positions by indicating a relative angle from the current positions. However, if the specified relative value results in exceeding the Pan range of the device, the command will be invalid, and the camera will not perform the Pan operation. Therefore, it is necessary to check the Pan Current Position and the Tilt Current Position device properties to ensure that the specified relative value positions do not exceed the allowable range.

Pan/Tilt Position for Direction drive

Setting the ControlType to 3 in Operation Parameter 1 of the SDIO_ControlPTZF command specifies “Direction Drive”. This allows you to issue directional movement instructions for pan and tilt. “Direction Drive” will continue to operate until the pan/tilt endpoints are reached, or an explicit Stop request (ControlType=4) is received. When specifying “Direction Drive,” you need to enable the DirectionDriveSetting data structure within the ControlPTZF binary data. The speed value must be specified as a signed value, with counterclockwise being positive for the Pan direction and upward being positive for the Tilt direction.

Pan/Tilt Speed

The pan/tilt speed value depends on the model, below settings, and drive mode.
First, there are two speed related settings called “Speed Step” and “Speed Mode.”
In pan/tilt type cameras, you can change the Speed Step setting as follows:

- Please set “Pan-Tilt > P/T Speed > Speed Step” to “Normal” or “Extended” in the Web App menu.

The table below shows the magnitude of the maximum pan/tilt speed values that can be set for each model.

Maximum pan/tilt speed value for BRC-AM7

Speed mode \ Speed step	Normal step	Extended step
Normal	24	127
Slow	24	127

Maximum pan/tilt speed value for ILME-FR7

Speed mode \ Speed step	Normal step	Extended step
Normal	24	50
Slow	50	50

For “Absolute Drive” and “Relative Drive,” speed values are specified as unsigned values, ranging from 0 to the maximum speed. For “Direction Drive,” speed values are specified as signed values, ranging from the negative maximum speed to the positive maximum speed.

Pan/Tilt Home Position

Setting the ControlType to 4 in Operation Parameter 1 of the SDIO_ControlPTZF command specifies moving to the pan/tilt Home Position. Home Position refers to Pan Position = 0x00000000 and Tilt Position = 0x00000000. Additionally, this command can interrupt even during pan/tilt operation. Therefore, if this command is executed during the operation, the transition to the Home Position takes priority over the previous command's action pan/tilt operation.

Pan/Tilt Reset

Setting the ControlType to 5 in Operation Parameter 1 of the SDIO_ControlPTZF command specifies pan/tilt Reset operation. This operation may help recover the pan/tilt state to normal if it is not functioning correctly. When the Pan Position Status or Tilt Position Status device property is “Unknown” performing this operation may be effective.

Pan/Tilt Cancel

Setting the ControlType to 6 in Operation Parameter 1 of the SDIO_ControlPTZF command specifies the pan/tilt stop or cancel operation. By executing this command, you can stop or cancel ongoing pan/tilt operations such as “Absolute Drive,” “Relative Drive,” “Direction Drive,” and “Preset PTZF recall” operations. When this command is executed, the ongoing operations are interrupted, and corresponding events such as SDIE_ControlPTZFResult or SDIE_PresetPTZFResult are returned. Additionally, the completion event for this command, SDIE_ControlPTZFResult, is returned. In this case, param2 will be set to the ControlType value 6.

Preset PTZF Operation

The pan/tilt type cameras are equipped with a feature called Preset PTZF. This feature allows you to store the current pan, tilt, zoom, and focus positions of the camera and associate them with a preset number, which can be recalled as needed. This feature is advantageous for reproducing stored preset positions.

To store (Preset Set) or delete (Preset Clear) a preset position, you can use the SDIO_SetPresetPTZF command. To recall a preset stored via the SDIO_SetPresetPTZF command, use Preset PTZF Recall SDIControlCode with the SDIO_ControlDevice command.

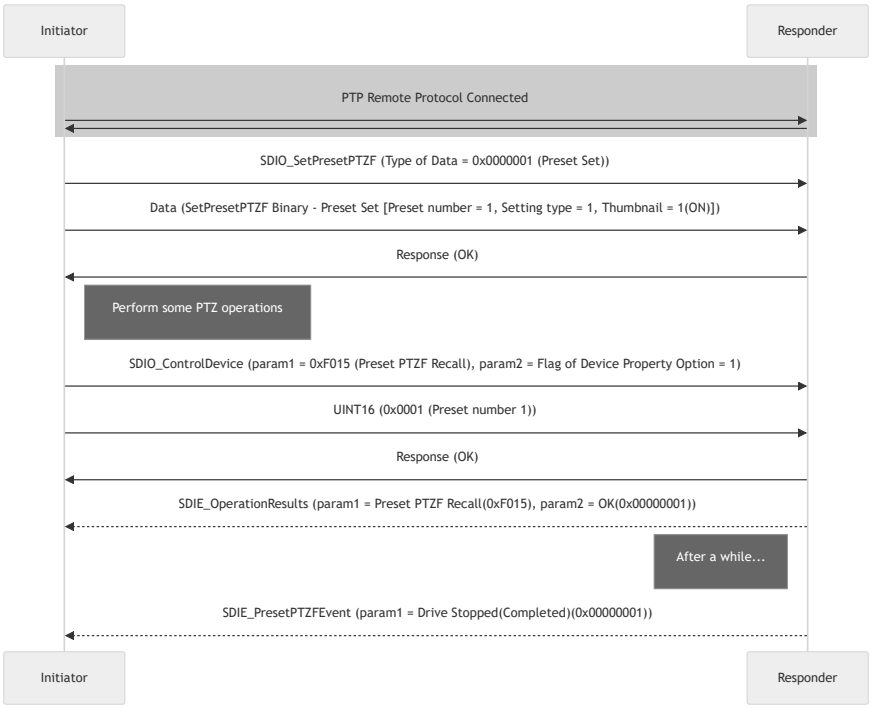
The pan/tilt type cameras that provide Preset PTZF operation signal the maximum number of presets they can hold using the Preset PTZF Number of Slots device property. The preset number specified in the SDIO_SetPresetPTZF command should not exceed this value.

The data types used for Preset Set and Preset Clear in the SDIO_SetPresetPTZF command are under version control. To check which version of the data is available on the Responder, refer to the SetPresetPTZF Binary Version device property. For details on the data structure, see the SetPresetPTZF section in the Data Format chapter.

When using the SDIO_ControlDevice command with the Preset PTZF Recall control code, the timing of reaching the target field of view is notified to the Initiator using a dedicated event SDIE_PresetPTZFEvent. As an example sequence for SDIO_SetPresetPTZF Preset Set and Preset PTZF recall operations, see the

following sequence diagram. This mechanism is used to store a Preset PTZF position as an associated preset number and recall the stored Preset PTZF positions using SDIO_ControlDevice command.

Since recalling Preset PTZF positions takes some time to complete, two types of events are signaled: (1) when the command requested is successfully acknowledged by the Responder or not (SDIE_OperationResults) and (2) when the recall operation is completed (SDIE_PresetPTZFEvent).



Remote Control with Transfer Mode

“Remote Control with Transfer Mode” allows both remote control and transfer of captured content in the media without changing the connection mode of SDIO_OpenSession.
To connect using “Remote Control with Transfer Mode,” specify “Remote Control with Transfer Mode” as a parameter when using SDIO_OpenSession during the OpenSession step of the Connect sequence.

Whether the camera supports this mode can be checked via the `X_PTP_ContentsTransferSupport` tag in the DigitalImagingDesc.xml file. If this tag exists and its value is “Enable,” connection using “Remote Control with Transfer Mode” is possible.
Refer to Device Discovery for information on how to obtain the DigitalImagingDesc.xml file. Alternatively, it can be retrieved by executing SDIO_GetDeviceDescriptionFile. This method is valid for both USB and IP connections. SDIO_GetDeviceDescriptionFile can be executed before SDIO_OpenSession.

Acquiring captured content in “Remote Control with Transfer Mode” is achieved using the operations described in the sequence below, rather than using “ObjectHandle” or “GetObject” as in Content Transfer Mode.

Note:
When using Get Image File and Live View while connected in “Remote Control with Transfer Mode,” it is necessary to enable the features using Set PostView Enable and Set LiveView Enable, respectively.

Get ContentInfoList

Information about captured content can be checked via ContentInfoList. ContentInfoList is obtained using SDIO_GetContentInfoList.

This operation retrieves information about captured content after a specified time and up to a specified number. The number of contents per slot and the capture times can be checked using SDIO_GetCapturedDateList.
When there are changes to the ContentInfoList, SDIE_ContentInfoListChanged is issued.

Captured content is assigned several IDs:

- ContentID: A unique ID within a single slot. It is used when acquiring captured content.
- UMID: A globally unique ID. It is used to identify already acquired data or to resume partially transferred data.

Three types of time information related to ContentInfoList exist:

`DataTime`:

- Exists within the ContentInfoList and represents the time the list itself was generated.
- This time is not updated when content is added.

`ContentInfoList regenerate time`:

- DeviceProperty is prepared for each slot.
- Updated when the ContentInfoList stored in the camera is generated or regenerated.
- This time is not updated when content is added.

`ContentInfoList update time`:

- DeviceProperty is prepared for each slot.
- Updated when the ContentInfoList stored in the camera is updated.
- Updated in cases such as content addition, deletion, editing, or media insertion/removal.

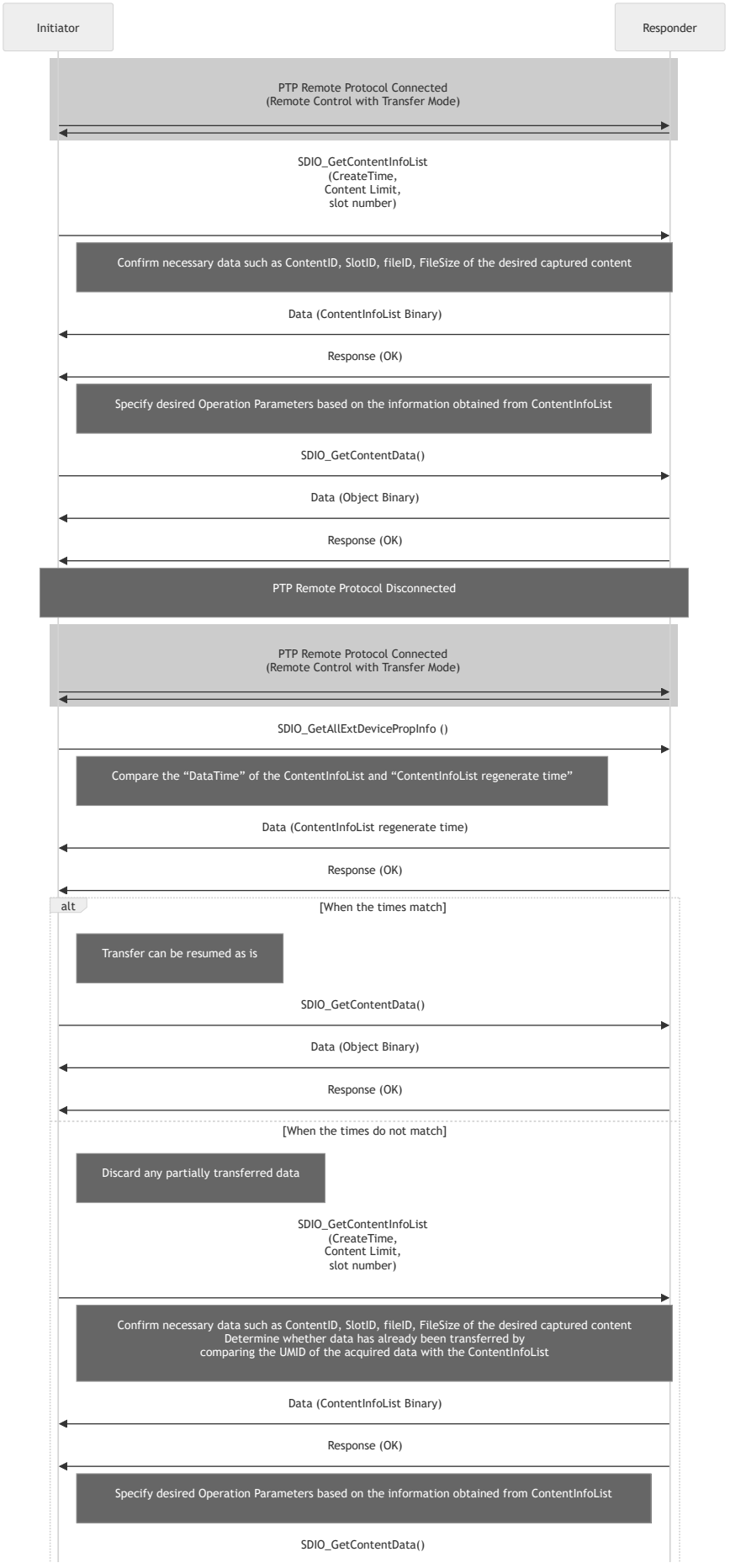
When obtaining the ContentInfoList, you can determine whether the list is still valid by comparing “DataTime” and “ContentInfoList regenerate time.”

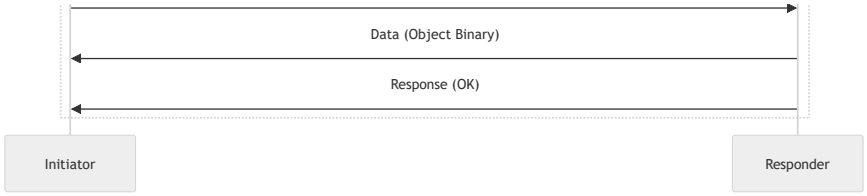
Get Content

To retrieve content, use SDIO_GetContentData. For thumbnail/screennail data, use SDIO_GetContentCompressedData.
Using the information obtained from Get ContentInfoList, specify the contentID, slotID, and fileID to retrieve the desired captured content.



Even if reconnection occurs during content file transfer, the process can resume from the point of interruption. In the event of a disconnection during transfer, the “DataTime” of the obtained ContentInfoList should be compared with the “ContentInfoList regenerate time.” If these values match, the transfer can be resumed. However they differ, ContentInfoList must be reacquired, and the UMID of the already acquired data should be compared with the new ContentInfoList to identify the appropriate file for resumption (any partially transferred data must be discarded).


Initiator
Responder
PTP Remote Protocol Connected
(Remote Control with Transfer Mode)
SDIO_GetContentInfoList
(CreateTime,
Content Limit,
slot number)
Confirm necessary data such as ContentID, SlotID, fileID, FileSize of the desired captured content
Data (ContentInfoList Binary)
Response (OK)
Specify desired Operation Parameters based on the information obtained from ContentInfoList
SDIO_GetContentData()
Data (Object Binary)
Response (OK)
PTP Remote Protocol Disconnected
PTP Remote Protocol Connected
(Remote Control with Transfer Mode)
SDIO_GetAllExtDevicePropInfo ()
Compare the “DataTime” of the ContentInfoList and “ContentInfoList regenerate time”
Data (ContentInfoList regenerate time)
Response (OK)
alt
[When the times match]
Transfer can be resumed as is
SDIO_GetContentData()
Data (Object Binary)
Response (OK)
[When the times do not match]
Discard any partially transferred data
SDIO_GetContentInfoList
(CreateTime,
Content Limit,
slot number)
Confirm necessary data such as ContentID, SlotID, fileID, FileSize of the desired captured content
Determine whether data has already been transferred by
comparing the UMID of the acquired data with the ContentInfoList
Data (ContentInfoList Binary)
Response (OK)
Specify desired Operation Parameters based on the information obtained from ContentInfoList
SDIO_GetContentData()



CameraSetting File

SDIO_ControlGeneralSettingFile and SDIO_GetControlGeneralSettingResultFile can be used to change and confirm camera settings such as FTP settings.

SDIGeneralSettingFile and GeneralSettingResult are XML files.

SDIGeneralSettingFile

- This file is generated by the User App and sent to the Camera.
- It is used to transmit the settings requested by the User App to the Camera.

Example of SDIGeneralSettingFile:

```
<?xml version="1.0" encoding="UTF-8"?>
<CameraSetting>
  <FileFormatVersion version="1"/>
  <Group>
    <Item id="0x01001000" label="FileTransfer.ServerSettings" preset="1">
      <Param id="0x01001F01" label="DisplayName"          value="News07"/>
      <Param id="0x01001F02" label="HostName"             value="FTPHostServer6"/>
      <Param id="0x01001203" label="Port"                 value="21"/>
      <Param id="0x01001F04" label="UserName"             value="cameraman01"/>
      <Param id="0x01001F05" label="Password"             value="wqeda4qef"/>
      <Param id="0x01001206" label="PassiveMode"          value="0"/>
      <Param id="0x01001F07" label="DestinationDirectory" value="/news07/cameraman01"/>
      <Param id="0x01001208" label="UsingSecureProtocol"  value="0"/>
    </Item>
    <Item id="0x01002000" label="FileTransfer.DefaultUploadServer">
       <Param id="0x01002F01" label="DefaultUploadServerSelect" value="News07"/>
    </Item>
  </Group>
  <Group>
     <Item id="0x01003000" label="FileTransfer.AutoUploadProxy">
       <Param id="0x01003201" label="AutoUploadProxy" value="1"/>
     </Item>
  </Group>
  <Group>
     <Item id="0x01004000" label="FileTransfer.AutoUpload">
       <Param id="0x01004201" label="AutoUpload" value="1"/>
     </Item>
  </Group>
</CameraSetting>
```

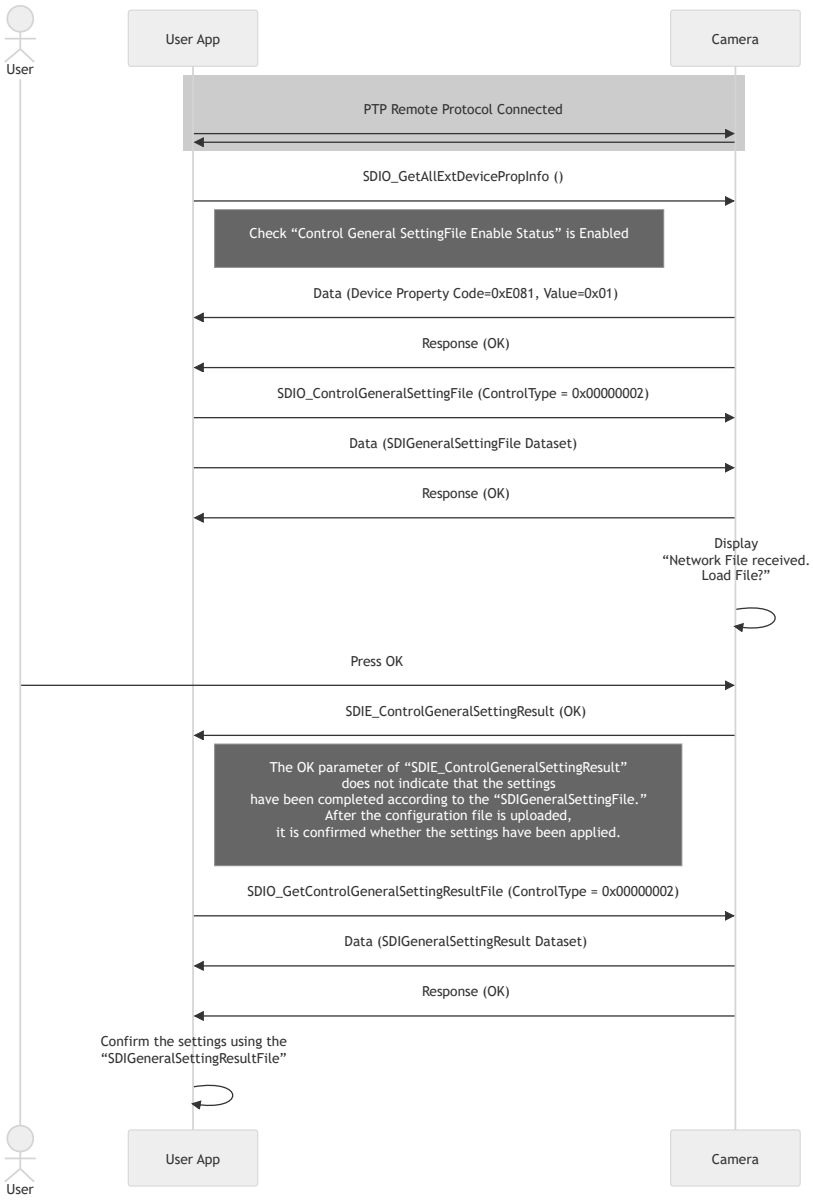
GeneralSettingResultFile

- This file is generated by the Camera and sent to the User App.
- It is used to communicate the results of the settings applied by the “SDIGeneralSettingFile” to the User App.

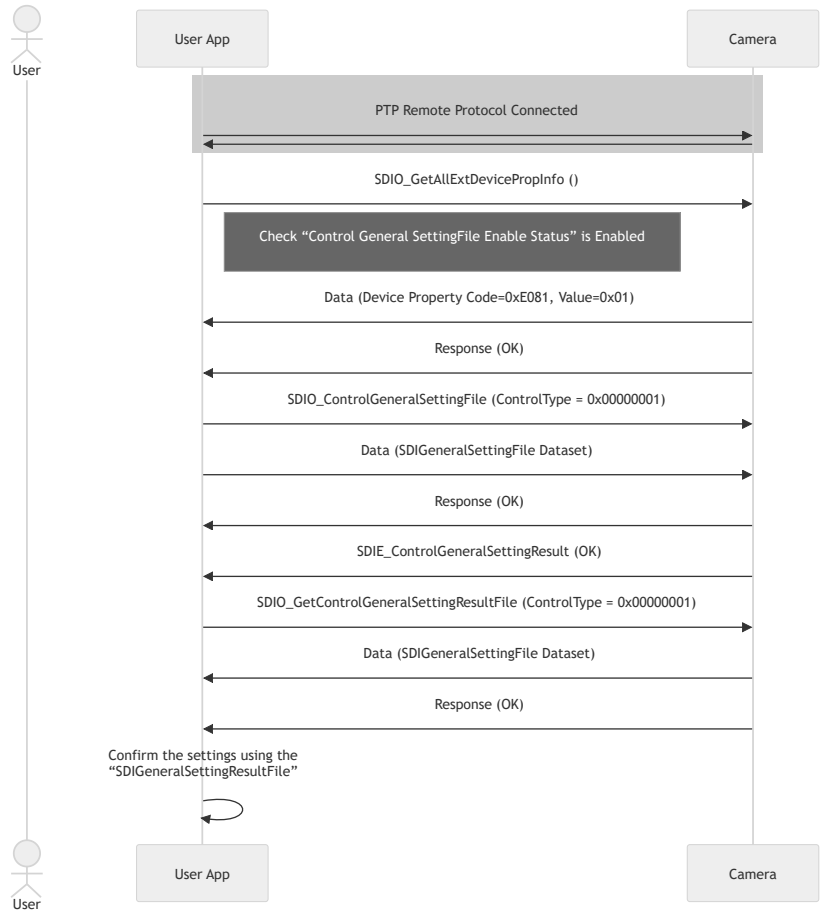
Example of GeneralSettingResultFile:

```
<?xml version="1.0" encoding="UTF-8"?>
<CameraSettingConfirmation>
  <FileFormatVersion version="1"/>
  <Group>
    <Item id="0x01001000" preset="1">
      <Param id="0x01001F01" isMatch="True"/>
      <Param id="0x01001F02" isMatch="True"/>
      <Param id="0x01001203" isMatch="True"/>
      <Param id="0x01001F04" isMatch="True"/>
      <Param id="0x01001F05" isMatch="True"/>
      <Param id="0x01001206" isMatch="True"/>
      <Param id="0x01001F07" isMatch="True"/>
      <Param id="0x01001208" isMatch="True"/>
    </Item>
    <Item id="0x01002000" >
      <Param id="0x01002F01" isMatch="True"/>
    </Item>
  </Group>
  <Group>
    <Item id="0x01003000">
      <Param id="0x01003201" isMatch="False"/>
    </Item>
  </Group>
  <Group>
    <Item id="0x01004000">
      <Param id="0x01004201" isMatch="True"/>
    </Item>
  </Group>
</CameraSettingConfirmation>
```

Sequence for changing camera settings



Sequence for confirming camera settings



File specifications

Common rules

- Character encoding
  - Use UTF-8 without BOM.
- Syntax
  - Follow XML 1.0 standards.
- XML declaration
  - The XML declaration is fixed as follows based on the above character encoding and character code rules:

```
<?xml version="1.0" encoding="UTF-8"?>
```

Elements

Define the elements that constitute the structure.

As the elements of the root node differ between “SDIGeneralSettingFile” and “GeneralSettingResultFile,” refer to SDIGeneralSettingFile Specific Rules and GeneralSettingResultFile Specific Rules.

- FileFormatVersion
  - This is located directly under the root node and specifies the version of the file format as follows:

```
<FileFormatVersion version="1">
```

  - **Attribute**:
    - `version`: A UINT32 value that matches the integer part of the revision of this specification. If the Camera does not support the specified version, no settings will be applied, and no "GeneralSettingResultFile" will be generated. Only `version="1"` is currently supported.
- Group
  - Groups one or more "Item" elements.
  - **Attributes**: None.
- Item
  - Groups one or more "Param" elements.
  - **Attributes**:
    - `id`: A UINT32 value that uniquely identifies the "Item." It is defined in Item Data Structure Details.
    - `label`: A UTF-8 string label for readability purposes only. This field is not used for control. It is defined in Item Data Structure Details.
    - `preset`: A UINT32 value that is used when multiple preset configuration values exist. It is defined in Item Data Structure Details.
- Param
  - Represents individual parameters within an "Item."
  - **Attributes**:
    - `id`: A UINT32 value that uniquely identifies the `Param`. It is defined in Item Data Structure Details.
    - `label`: A UTF-8 string label for readability purposes only. This field is not used for control. It is defined in Item Data Structure Details.

Specific rules for SDIGeneralSettingFile

- Root node
  - The root node is fixed as the following element (tag):

```
<CameraSetting>
```

- "value" attribute in "Param" element
  - Specifies the value to set or confirm for the Camera. It is defined in Item Data Structure Details.
- Determining applicability
  - Elements with unknown "id" attributes are ignored and not applied. These elements are also excluded from the GeneralSettingResultFile.
  - Applicability is determined at the "Group" level. If even one element within a "Group" cannot be applied, none of the settings within that "Group" will be applied.
- Omission of "Params" within "Items"
  - As "Items" are composed of "Params" that need to be applied collectively, omitting any "Params" within "Items" is prohibited.

Specific rules for GeneralSettingResultFile

- Root node
  - The root node is fixed as the following element (tag):

```
<CameraSettingConfirmation>
```

- “isMatch” attribute
  - If the “Param” in the “SDIGeneralSettingFile” matches the Camera settings, it is represented as follows:

```
<Item id="0x00000020">
    <Param id="0x2000000B" isMatch="True"/>
</Item>
```

  - If the settings do not match, it is represented as follows:

```
<Item id="0x00000020">
    <Param id="0x2000000B" isMatch="False"/>
</Item>
```

- Label
  - The “GeneralSettingResultFile” file does not include the “label” attribute.

Item Data Structure Details

- FileTransfer.ServerSettings
  - Settings for file transfer functionality.
  - **Attributes**:
    - `id`: `0x01001000`
    - `label`: `FileTransfer.ServerSettings`
    - `preset`: Specifies the index value of the server. Only `preset="1"` is currently supported.
  - **Param**

ID	Label	Type	Description	Remarks
0x01001F01	DisplayName	String	Display name of the server	US-ASCII only 1 to 15 characters
0x01001F02	HostName	String	Host name or IP address	US-ASCII only 1 to 254 characters
0x01001203	Port	UINT32	Port number	1 to 65535
0x01001F04	UserName	String	Username for login	US-ASCII only 0 to 254 characters
0x01001F05	Password	String	Password for login	Same as UserName
0x01001206	PassiveMode	UINT32	Passive mode setting	The defined values are referenced below
0x01001F07	DestinationDirectory	String	Destination directory	UTF-8 1 to 127 characters
0x01001208	UsingSecureProtocol	UINT32	Setting for using secure protocol	The defined values are referenced below

    - PassiveMode definition

Value	Description	Remarks
0	Passive mode off	

Value	Description	Remarks
1	Passive mode on	

Only “Passive mode off” is currently supported.

- UsingSecureProtocol definition

Value	Description	Remarks
0	Secure protocol off	
1	Secure protocol on	

Only “Secure protocol off” is currently supported.

- FileTransfer.DefaultUploadServer
  - Default FTP upload server
  - **Attributes**:
    - `id`: `0x01002000`
    - `label`: `FileTransfer.DefaultUploadServer`
    - `preset`: Not supported
  - **Param**

ID	Label	Type	Description	Remarks
0x01002F01	DefaultUploadServerSelect	String	Display name of Default FTP upload server	Same as DisplayName in FileTransfer.ServerSettings

- FileTransfer.AutoUploadProxy
  - Settings for file transfer functionality.
  - **Attributes**:
    - `id`: `0x01003000`
    - `label`: `FileTransfer.AutoUploadProxy`
    - `preset`: Not supported
  - **Param**

ID	Label	Type	Description	Remarks
0x01003201	AutoUploadProxy	UINT32	Settings for automatically transferring proxy files	The defined values are referenced below

- AutoUploadProxy definition

Value	Description	Remarks
0	Turn off automatic transfer of proxy files	
1	Turn on automatic transfer of proxy files	
2	Turn on automatic transfer of chunk proxy files	

- FileTransfer.AutoUpload
  - Settings for file transfer functionality
  - **Attributes**:

- `id`: `0x01004000`
- `label`: `FileTransfer.AutoUpload`
- `preset`: Not supported

◦ **Param**

ID	Label	Type	Description	Remarks
0x01004201	AutoUpload	UINT32	Settings for automatic transfer	The defined values are referenced below

- AutoUpload definition

Value	Description	Remarks
0	Turn off automatic transfer	
1	Turn on automatic transfer	

More Information

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