

Specification

Camera Head

Global model	GP-H143CX0-0F	GP-H243RX1-0F	GP-H243RX1-0F1	GP-H323CX1-0F	GP-H343CX1-0F	GP-H443RX1-0F	GP-H443RX1-0F1
Image Sensor	1/3 type 4K sensor (Visible)	1/3 type 4K sensor (Visible) 1/3 type 2K sensor (IR)	1/3 type 4K sensor (Visible) 1/3 type 2K sensor (IR)	1/3 type 2K sensor x3	1/3 type 2K sensor x3	1/3 type 2K sensor (Visible) x 3 + 1/3 type 2K sensor (IR)	1/3 type 2K sensor (Visible) x 3 + 1/3 type 2K sensor (IR)
Scanning Method	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter	Progressive Scan, Rolling Shutter
Resolution	1,800 TV lines Typ.	1,800 TV lines Typ.	1,800 TV lines Typ.	1,000 TV lines Typ.	1,600 TV lines Typ.	1,400 TV lines Typ.	1,400 TV lines Typ.
Sensitivity	F16 (2000lx, 3200K, as Default) *12dB	F16 (2000lx, 3200K, as Default) *12dB	F16 (2000lx, 3200K, as Default) *12dB	F18 (2000lx, 3200K, as Default) *12dB	F18 (2000lx, 3200K, as Default) *12dB	F18 (2000lx, 3200K, as Default) *12dB	F18 (2000lx, 3200K, as Default) *12dB
Frame Rate	59.94 / 50 fps	59.94 / 50 fps	59.94 / 50 fps	59.94 / 50 fps	59.94 / 50 fps	59.94 / 50 fps	59.94 / 50 fps
S/N Ratio	54 dB (Gain Off, Head Gain Off)	58 dB (Gain Off, Head Gain Off)	58 dB (Gain Off, Head Gain Off)	63 dB (Gain Off, Head Gain Off)	58 dB (Gain Off, Head Gain Off)	58 dB (Gain Off, Head Gain Off)	58 dB (Gain Off, Head Gain Off)
Lens Mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount	C-mount
Operating Temperature Ta *1	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)	Ta: 0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)	30 % to 90 % (without condensation)
Dimension	28mm(W) x 27mm(H) x 68.2mm(D)	27mm(W) x 30mm(H) x 43mm(D)	27mm(W) x 30mm(H) x 43mm(D)	27mm(W) x 30mm(H) x 43mm(D)	27mm(W) x 30mm(H) x 43mm(D)	35mm(W) x 42mm(H) x 47mm(D)	35mm(W) x 42mm(H) x 47mm(D)
Weight	Approx. 60 g	Approx. 57 g	Approx. 57 g	Approx. 57 g	Approx. 57 g	Approx. 106 g	Approx. 106 g
Optical Filter	IR Cut Filter (removable)	Band Cut Filter	Band Cut Filter	IR Cut Filter (removable)	IR Cut Filter (removable)	Band Cut Filter	Band Cut Filter
IR shift	-	-	Yes	-	-	-	Yes
Included Items	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)
Camera Cable (Global model excluding China)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m) GP-UC532G15A (15m) GP-UC532G06AJ (6m) :Extension cable Max.21m (15m+6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m) GP-UC532G15A (15m) GP-UC532G06AJ (6m) :Extension cable Max.21m (15m+6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m)	GP-UC532G02A (2m) GP-UC532G03A (3m) GP-UC532G04A (4m) GP-UC532G06A (6m)

*1: Ta: Ambient Temperature

CCU

	GP-CS44X10-0
Camera Head to be connected	GP-UH532H series, GP-UH332H series, GP-UH832H series, GP-H143CX0 series, GP-H243RX1 series, GP-H323CX1 series, GP-H343CX1 series, GP-H443CX1 series
HDMI	HDMI-1: HDMI (4K / Full HD) HDMI-2: HDMI (4K / Full HD)
SDI	12G / 3G SDI x2 ch (4K / Full HD)
HDMI	3840x2160p (59.94Hz/50Hz) 1920x1080p (59.94Hz/50Hz)
SDI	12G-SDI: 3840x2160p (59.94Hz/50Hz) 3G-SDI: 1920x1080p (59.94Hz/50Hz)
HDMI / SDI	HDMI/SDI-1: Visible / IR / Mixed IR / PinPHDMI/SDI-2: Visible / IR / Mixed IR
Foot SW	ø3.5 mm stereo mini jack (two inputs)
External Control	ø3.5 mm stereo mini jack (3-poles serial, RS232C signal compliant)
Synchronization	BNC terminal
USB	USB2.0 (firmware upgrade)
Equipotential Terminal	Yes
Power source and consumption	12VDC: 2.7A (including camera head)
Power source voltage range	12VDC +1.2V / -1.2V
Operating Temperature Ta *1	Ta: 0 °C to 40 °C (32 °F to 104 °F)
Specification Assured Temperature	Ta: 10 °C to 35 °C (50 °F to 95 °F)
Operating Humidity	30 % to 90 % (without condensation)
Storage Temperature Ta *1	Ta: -10 °C to 60 °C (14 °F to 140 °F)
Storage Humidity	30 % to 90 % (without condensation)
Dimension	185mm(W) x 57mm(H) x 206mm(D)
Weight	Approx. 1.5 kg
Finish	Metal plate / ABS, Silver / White
Included Items	IMPORTANT SAFETY INSTRUCTIONS, Warranty (Japan)
Safety Standards	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, UKCA, IEC62368-1, J62368-1
EMC Standards	VCCI (Class A), FCC (Part15B Class A), ICES-003 Issue 7 Class A, EN55032 Class A, EN55035
Auto Exposure	Manual / Auto (Area setting, Peak/Average setting)
Shutter	Off / Auto / Manual
Head Gain	-9dB / -6dB / -3dB / OFF / 3dB / 6dB / 9dB / AUTO
Gain	Off / Auto / Manual (Max. 12dB/18dB)
Binning	IR: Line Mix / Pixel Mix / Pixel&Line Mix
Long Exposure	IR: Off / Auto / Manual (x2 / x4 / x8)
White Balance	WB / Manual
Detail Enhancement	Band: Off / Soft / Sharp / Medium Sharp / Sharpest Level: 0 - 31
DNR	2D DNR: Off / 1 - 10 selectable 3D DNR: Off / 1 - 10 selectable
Color Level	Yes
Matrix color adjustment	Yes
Gamma	Curve type: Normal / S-Curve Value: 0.35 - 0.55 / Off
Knee	Manual (Point / Slope) / Auto
Pedestal	Yes
Image Enhancement	WDR / Dark Area Correction / Over Exposure Reduction / Smoke Correction / Color Enhancement
IR Mix	Color: 1 - 6 / Heatmap Gradation: Low / High
Fluorescence Mode	Yes
Flip / Mirror	Yes
Digital Zoom	1x - 2.5x
Freeze	Yes
White Shading	Yes
User Profile	6 Profiles
Profile ID / Profile Label Display	Yes
Color Bar	Yes
H / V Phase Adjustment	Yes
Synchronization	Internal / External
OSD (On Screen Display)	Yes