

HDC-P50A

2/3-type 4K 3-CMOS sensor POV system camera with 4K 4x HFR capability



NETWORKED LIVE

Specifications

General

Power requirements	DC IN connector: 10.5 V to 17 V DC, 8.1 A (max.) FIBER connector: 48 V DC, 1.9 A (max.)
Operating temperature	-20 °C to +45 °C (-4 °F to +113 °F)
Storage temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Dimensions (W x H x D)	119 x 140 x 206 mm
Weight	Approx. 2.5 kg (5 lb 8.2 oz) (Unit only)

Imager

Imager	2/3-inch type CMOS sensor with global shutter
Method	3-chip, RGB

Electrical characteristics

Sensitivity	F10 with 1080/59.94P F11 with 1080/50P (at 2000 lx with 89.9% reflectance)
	F12 with 1080/59.94P F13 with 1080/50P (at 2000 lx with 89.9% reflectance, VIDEO SENSITIVITY: HIGH)
	F14 with 1080/59.94P F15 with 1080/50P (at 2000 lx with 89.9% reflectance, VIDEO SENSITIVITY: HIGH+)
Signal-to-noise ratio	-62 dB
Horizontal resolution	2000 TV lines (4K: screen centered) 5% or higher modulation

Electrical characteristics

Geometric distortion	Negligible (not including lens distortion)
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Optical system specifications

Spectrum system	F1.4 prism
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Built-in filters	Color temperature conversion filters A: Cross filter, B: 3200K (clear), C: 4300K, D: 6300K ND filters 1: CLEAR, 2: 1/4ND, 3: 1/8ND, 4: 1/16ND,5: 1/64ND
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Input/output connectors

LENS	12-pin (x1) 10.5 V to 17.0 V DC 1.0 A (max.) at 10.5 V 0.6 A (max.) at 17 V
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DC IN	XLR 4-pin (x1), DC 10.5 V to 17 V
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SDI	SDI 1, SDI2, SDI3 : BNC (x1 each)
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SDI MONI	BNC (x1)
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PROMPTER/GENLOCK	BNC (x1) SYNC HD: BTA-S001A, tri-level sync, 0.6 Vp-p, 75 ohms SD: Composite sync, 0.3 Vp-p, 75 ohms HD SYNC/SD SYNC selectable GENLOCK HD: SMPTE ST274, tri-level sync, 0.6 Vp-p, 75 ohms SD: Black burst (NTSC: 0.286 Vp-p, 75 ohms/ PAL: 0.3 Vp-p, 75 ohms) PROMPTER 1 Vp-p, 75 ohms
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REMOTE	8-pin (x1) 10.5 V to 17.0 V DC 1.0 A (max.) at 10.5 V 0.6 A (max.) at 17 V Total of three LENS, DC OUT (EXT I/O), and REMOTE outputs is 2.0 A (max.).
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EXT I/O	D-Sub 15-pin, female (unified thread) (x1) 10.5 V to 17.0 V DC 1.0 A (max.) at 10.5 V 0.6 A (max.) at 17 V This may be limited by the imposed load or input conditions.
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Input/output connectors

USB	USB 2.0 Type A 4-pin (x1) (for connecting USB drive)
NETWORK TRUNK	RJ-45 type 8-pin (x1)

Supplied accessories

Supplied accessories	Before Using This Unit (x1) Operating Instructions (CD-ROM) (x1) Number plate x(1)
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Related products



RCP-3500

Remote-control panel for HDC/HSC/HXC series cameras



RCP-3100

Joystick type of remote control panel for HDC/HSC/HXC series cameras.
5 units in 19-inch EIA rack.



CNA-2

Camera Control Network Adapter



MSU-3500

Master setup unit, multi camera remote control panel for system cameras (vertical type)



MSU-3000

Master setup unit, multi camera remote control panel for system cameras (horizontal type)



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