

HDC-4800

UHFR 4K/HD Camera System



Specifications

General

Power requirements	240 V AC, 1.4 A (max.), 180 V DC, 1.0 A (max.), 12 V DC, 9.5 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)
Mass	Approx. 5.0 kg (11 lb 0.37 oz) (Unit only)

Imaging element

Imaging element	S-35 mm CMOS image sensor
Method	Single chip
Effective resolution	QFHD: 3840 (horizontal) × 2160 (vertical) HD: 1920 (horizontal) × 1080 (vertical)

Electrical characteristics

Sensitivity	T5.6 (at 2000 lx with 89.9% reflectance. For 4K/59.94P (8×))
Signal-to-noise ratio	HD/59.94i: -62 dB
Horizontal resolution	2000 TVL (4K: screen centered) 5% or higher modulation
Geometric distortion	Negligible (not including lens distortion)

Optical system specifications

Built-in filters - Color temperature conversion filters	A: 3200K (clear), B: 4300K, C: 6300K
Built-in filters - ND filters	1: Clear, 2: 1/4 ND, 3: 1/16 ND

Input/output connectors

BPU	Optical/electrical multi-connector (LEMO 3K.93C connector) (x1)
LENS	12-pin (x1)
VF	20-pin (x1)
AUDIO IN CH1, CH2	XLR 3-pin, female (1 each) When AUDIO switch is set to MIC: -60 dBu (can be selected up to -20 dBu by menu or HDCU2000/2500 operations), balanced When AUDIO switch is set to LINE: 0 dBu, balanced
INTERCOM 1, INTERCOM 2	XLR 5-pin, female (1 each)
EARPHONE	Stereo minijack (x1)
DC IN	XLR 4-pin (x1), 10.5 V to 17 V DC
DC OUT	4-pin (x1), 10.5 V to 17 V DC, max. 0.5 A (This may be limited by the imposed load or inputs.) 2-pin (x1), 10.5 V to 17 V DC, max. 2.5 A (This may be limited by the imposed load or inputs.)
SDI 1, SDI 2	BNC (x1 each)
SDI-MONI	BNC (x1)
TEST OUT	BNC (x1)
PROMPTER	BNC (x1), 1 Vp-p, 75 Ω
PROMPTER2	BNC (x1), 1 Vp-p, 75 Ω
RET CTRL	6-pin (x1)
REMOTE	8-pin (x1)
TRACKER	10-pin (x1)
CRANE	12-pin (x1)
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 (1 set), Operating Instructions (CD-ROM) (1), Lens mount adaptor (1), Cable clamp belt (1 set), Camera number label (1), Screws (+B3×8) (2)
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This product contains pre-installed software and requires the purchase of licence keys to activate some functions.

Related products



BPU-4800

4K / HD baseband processor unit and UHFR server for HDC-4800 system camera



SZC-4008

4K HFR 8x slo-mo support software for BPU-4800 baseband processor unit



SZC-2016

HD HFR 16x slo-mo support software for BPU-4800 baseband processor unit



RCP-3100

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



PWA-RCT1

Recording Control Software for PWS-4500, HKCU-REC55 and HKCU-REC50



HDRC-4000

HDR Production Converter Unit

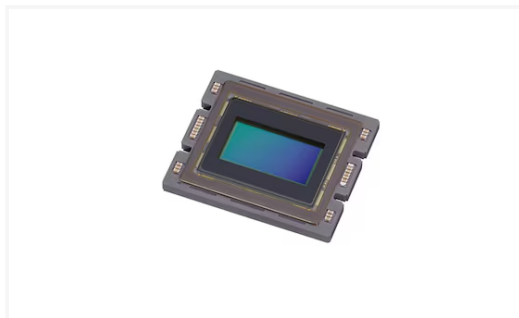


HDLA-3505

Large Lens Adaptor Unit

Gallery





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