

HDC-3500V

2/3-inch 3-CMOS sensor portable system camera



NETWORKED LIVE

Specifications

General

Power requirements	AC 240 V, 1.4 A (max.), DC 240 V, 1.05 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)	138 x 268 x 368 [Hood is not included.]
Weight	Approx. 5.0 kg (11 lb 0.4 oz) (unit only)

Imager

Imager	2/3 inch type 4K CMOS sensor with global shutter
Method	3-CMOS, RGB

Electrical characteristics

Sensitivity	F10 with 1080/59.94p F11 with 1080/50p (at 2000 lx with 89.9% reflectance)
Signal-to-noise ratio	-62 dB
Geometric distortion	Negligible (not including lens distortion)

Optical system specifications

Spectrum system	F1.4 prism
Built-in filters	ND filters 1: CLEAR, 2-5: Variable ND (1/3-1/256) CC filters A: Cross filter, B: 3200K (clear), C: Black mist*2, D: Extra Optical low pass filter

Input/output connectors

CCU	Electro-optical connector (LEMO 3K.93C connector) (x1)
LENS	12-pin (x1)
VF	20-pin (x1)
Audio input	MIC 1 IN : XLR 3-pin, female (x1) AUDIO IN CH1, CH2 : XLR 3-pin, female (x1 each) When AUDIO switch is set to MIC: -60 dBu (can be selected up to -20 dBu by menu operation), balanced When AUDIO switch is set to LINE: 0 dBu, balanced
INTERCOM	INTERCOM 1, INTERCOM 2 : XLR 5-pin, female (x1 each)
EARPHONE	4-pole mini jack (x1), (2-pole mono, 3-pole stereo, 4-pole CTIA standard, 4-pole OMTP standard)
DC IN	XLR 4-pin (x1), DC 10.5 to 17 V
DC OUT	4-pin (x1), DC 10.5 to 17 V, max. 0.5 A* ¹ , 2-pin (x1), DC 10.5 to 17 V, max. 2.5 A* ¹
SDI	SDI 1 : BNC (x1) SDI 2 : BNC (x1)
SDI MONI	BNC (x1)
TEST OUT	BNC (x1)
PROMPTER/GENLOCK	BNC (x1) PROMPTER 1 Vp-p, 75 Ω GENLOCK HD: SMPTE ST274, tri-level sync, 0.6 Vp-p, 75 Ω, SD: Black burst (NTSC: 0.286 Vp-p, 75 Ω/PAL: 0.3 Vp-p, 75 Ω)
PROMPTER2	BNC (x1), 1 Vp-p, 75 Ω
RET CTRL	6-pin (x1)
REMOTE	8-pin (x1)
TRACKER	12-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

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Before Using This Unit (1),
Operating Instructions (CD-ROM) (1),
Cable clamp belt (1 set),
Screws (+B3×8) (2),
Attached label (1)

Note

*1

This may be limited by the imposed load or inputs.

*2

Replacing Black mist filter as standard from the unit shipped out after October, 2024. For details, please contact sales in your region.

Information on EU Data Act: [Click here](#) to check if your Sony product and/or related service is subject to the EU Data Act.

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.



RCP-1000

Joystick type of simple Remote Control Panel for HDC/HSC/HXC series cameras.6 units in 19-inch EIA rack.



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)



HKC-TR37

Digital Triax Transmission Adaptor for HDC camera series



HKC-WL50

Wireless transmission adaptor for HDC-5500 and HDC-3500



HKCU-REC55

Recording option for HDCU-5500 and HDCU-3500 CCU



HKCU-REC50

Recording option for HDCU-5000



Color Calibrator

Fine tune colour reproduction for your virtual production



Camera and Display Plugin

Design, visualise and refine your virtual production shots



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