

## 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)
Mass	Approx. 5.0 kg (11 lb 0.4 oz) (unit only)
Dimensions (W x H x D) [Hood is not included.]	138 x 268 x 363

#### 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 2,000 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)

## Input/output connectors

CCU	Electro-optical connector (LEMO 3K.93C connector) (x1)
LENS	12-pin (x1)
VF	20-pin (x1)
MIC 1 IN	XLR 3-pin, female (x1) XLR 3-pin, female (x1 each)

AUDIO IN CH1, CH2	AUDIO switch for MIC: -60 dBu (can be selected up to -20 dBu in the menu), balanced AUDIO switch for LINE: 0 dBu, balanced
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 <sup>*1</sup> , 2-pin (x1), DC 10.5 to 17 V, Max. 2.5 A <sup>*1</sup>
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

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

## Notes

\*1

This may be limited by the imposed load or inputs.

## 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

## Gallery

