

HDC-5500V

2/3-inch 4K 3-CMOS sensor
portable system camera



NETWORKED **LIVE**

Specifications

General

Power requirements AC 240 V, 1.4 A (max.), DC 12 V, 9.5 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. 5.1 kg (11 lb 3.9oz)
(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

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|------------------------------|--------------------------------------|
| Effective resolution (H x V) | QFHD: 3840 × 2160 HD: 1920 × 1080 |
|------------------------------|--------------------------------------|

Electrical characteristics

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|-----------------------|---|
| 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

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| Spectrum system | F1.4 prism |
| Built-in filters | ND filters 1: CLEAR, 2-5: Variable ND (1/3-1/256) |

Input/output connectors

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| CCU | Optical/electrical multi connector (LEMO 3K.93C connector) (x1) |
| LENS | 12-pin (x1) |
| VF | 20-pin (x1) |

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|---------------------------|--|
| 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 1, INTERCOM 2 | XLR 5-pin, female (x1 each) |
| EARPHONE | 4-pole mini jack (x1), (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 1 | BNC (x1) |
| SDI 2 | BNC (x1) |
| SDI MONI | BNC (x1) |
| TEST OUT | BNC (x1) PROMPTER 1 Vp-p, 75 Ω |

| | |
|------------------|--|
| PROMPTER/GENLOCK | 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 | No |
| 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 HKCU-5500 and HKCU-3500 CCU



HKCU-REC50

Recording option for HKCU-5000



HKCU-UHF50

4K 4x processor board for HKCU-5000

Gallery

