

## 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<br>HD: 1920 × 1080 |
|------------------------------|--------------------------------------|

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## Electrical characteristics

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|-----------------------|-----------------------------------------------------------------------------------|
| Sensitivity           | F10 with 1080/59.94p<br>F11 with 1080/50p<br>(at 2,000 lx with 89.9% reflectance) |
| Signal-to-noise ratio | -62 dB                                                                            |
| Geometric distortion  | Negligible (not including lens distortion)                                        |

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## Optical system specifications

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

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## Input/output connectors

|      |                                                                    |
|------|--------------------------------------------------------------------|
| CCU  | Optical/electrical multi connector<br>(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)<br>When AUDIO switch is set to MIC: –60 dBu (can be selected up to –20 dBu by menu operation), balanced<br>When AUDIO switch is set to LINE: 0 dBu, balanced |
| INTERCOM 1,<br>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 <sup>*1</sup><br>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)<br>BNC (x1)<br>PROMPTER 1 Vp-p, 75 Ω                                                                                                                                            |

|                  |                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------|
| PROMPTER/GENLOCK | GENLOCK HD: SMPTE ST274, tri-level sync, 0.6 Vp-p, 75 Ω,<br>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

