

HDC-2500L

Multiformat Camera System



Overview

Multiformat Camera System

Sony is pleased to introduce the HDC-2500L HD portable and studio configurable camera system. The HDC-2500L is a successor model of the current HDC camera system including HDC-1500RLD (3G model). Incredible picture performance and features are realized by incorporating newly developed 16-bit Digital-Signal-Processing (LSI) and new image-sensors. A remarkable signal-to-noise ratio of 64 dB can be achieved when Noise Suppression (NS) is applied. The HDC-2500L integrates many unique features, modern design of carbon-graphite side panel, 3G signal transmissions and all available signal formats includes 1080,720 plus 2x slow-motion. In addition, all of accessories currently available for HDC series camera will be used for this camera system.

Highlights:

- Newly developed 2/3-inch progressive CCD
- Newly developed LSI(16bits A/D)
- 3G transmission
- All Psf signal format operation including 1080/60p,23.98psf and 444
- 2X slow-motion
- Carbon Graphite side panel
- Compact and lightweight
- Ergonomic design

- Enhanced creative features including Multi-Matrix, Digital Extender, Skin-Tone Detail, Hyper Gamma, and Adaptive Matrix

Specifications

Camera Specifications

Built-in-Filters	ND)1: CLEAR, 2: 1/4ND, 3: 1/16ND 4: 1/16ND, 5: 1/64ND CC)A: CROSS, B: 3200 K, C: 4300 K,D: 6300 K, E: 8000 K
Dynamic Range	600%
Effective Picture Elements	1920 x 1080 (H x V)
Gain Selection	-6,-3,0,+3,+6,+9,+12 (standard)
Horizontal Resolution	1000tvl
Lens Mount	B4
Modulation Depth	Y: 50% at 27.5 MHz (800 TV lines with typical lens)
Optical System	F1.4 prism system
Pickup Device	3-chip 2/3-inch type CCD (IT)
S/N Ratio	60db(Typical) 64db with NS
Sensitivity	F10 (1080i/59.94 mode), F11 (1080i/50 mode) (at 2000 lx, 3200 K,

89.9% reflectance)

Slow & Quick Motion Function	Double-speed slowmotion
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General Specifications

Format	1080i/50, 1080i/59.94, 720p/59.94, 720p/50, 1080p/23.98, 1080p/25, 1080p/29.97, 1080p/50, 1080p/59.94
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Operating Temperature	-20°C to +45°C (-4°F to +113°F)
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Power Requirements	240 V AC, 1.4 A (max.), 180 V DC, 1.0 A (max.), 12 V DC, 7 A (max.)
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Storage Temperature	-20°C to +60°C (-4°F to +140°F)
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Weight	4.5 kg (9 lb 15 oz)
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Input Connectors Specifications

Audio Input	(Ch1, Ch2) XLR 3-pin (x2) (female)
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DC IN	XLR 4-pin (x1)
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Genlock/Return IN	BNC (x1), 1 Vp-p, 75 Ω
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Return Control	6-pin (x1)
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Input/Output Connectors Specifications

CCU	Optical / electrical multi-connector (x1)
Crane	12-pin (x1)
Intercom	Intercom 1 / Intercom 2 XLR 5-pin (x2) (female)
Lens	12-pin (x1)
Prompter	Prompter output / Genlock input BNC (x1), 1 Vp-p, 75 Ω Prompter output / Return input BNC (x1), 1 Vp-p, 75 Ω
Remote	8-pin (x1)
Tracker	10-pin (x1)

Inputs and Outputs Specifications

Audio / Headphone Output(s)	Mic input XLR 3-pin (x1) (female)
Audio In	(Ch1, Ch2) XLR 3-pin (x2) (female)
DC In	XLR 4-pin (x1)
DC Out	mini type 4-pin (x1) (DC 10.5 V to 17V, max. 0.5 A) 2-pin (x1) (DC 10.5 V)

to 17V, max. 2.5 A)

Earphone	Stereo mini-jack 3-pin (x1)
HD-SDI Out (Dual Link)	SDI 1 BNC (x1) (3G / HD-SDI output) SDI 2 BNC (x1) (HD-SDI input / output) SDI monitor output BNC (x1) (HD-SDI / SD-SDI)
Memory Stick	Type A 4-pin (x1)
Test Out	BNC (x1), 1 Vp-p, 75 Ω

Related products



HZCU-CNFG50

ember+ protocol license for HDCU-5500, 3500, 3170 and 3100 camera control units



HZCU-SNMP50

SNMP Agent license for HDCU-5500, 3500, 3170 and HDCU-3100 camera control unit

Gallery

