

Sony PMW-300K1 XDCAM HD Camcorder



PRODUCT HIGHLIGHT :

- 1/2" Exmor Full HD 3CMOS Sensor
- MPEG HD422 at 50Mbps
- Fujinon Lens with 14x Zoom
- Interchangeable Lens Mount System
- 3.5" 960 x 540 Color LCD Viewfinder
- Dual ExpressCard/34 SxS Memory Slots
- SD/HD-SDI & HDMI Outputs
- Four Channels of 24-bit 48kHz Audio
- Semi-Shoulder Mount Design
- Timecode, Genlock, USB 2.0 Interfaces

NEW!

PRICE :
\$ 3599

SONY PMW-300K1 XDCAM HD Camcorder



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 3,599.00

Discount:



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Manufacturer: [Sony](#)

Description

Product Highlights

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Imaging Device

| | |
|------------------------------|--|
| Minimum Illumination | 3-chip 1/2" Exmor Full HD CMOS 0.02 lx (typical) (1920 x 1080/59.94i mode, f/1.9, +18 dB gain, with 64-frame accumulation, Gamma on, 50% video level) |
| Optical System | f/1.6 prism system |
| Effective Picture Elements | 1920 x 1080 (HxV) |
| Signal to Noise Ratio | 60 dB (Y) (typical) |
| Sensitivity | 2000 lx, 89.9° reflectance: f/11 (typical), 1920 x 1080/59.94i mode |
| Shutter Speed | 1/32 to 1/2000 second |
| Slow Shutter | 2, 3, 4, 5, 6, 7, 8, 16, 32, and 64 frame accumulation |
| Slow & Quick Motion Function | 720p: 1 to 60 fps 1080p: 1 to 30 fps |
| Gain Selection | -3, 0, 3, 6, 9, 12, and 18 dB, AGC |
| White Balance | Preset (3,200 K), Memory A, Memory B/ATW |
| Built-in ND Filter | Clear, 1/4 ND, 1/16 ND, 1/64 ND |
| Recording | |
| Video Recording Format | MPEG-2 Long GOP HD 422 mode: CBR, 50 Mbps, MPEG-2 422P@HL HQ mode: VBR, 35 Mbps maximum, MPEG-2 MP@HL SP mode: CBR, 25 Mbps, MPEG-2 MP@H-14 SD mode: MPEG IMX, DVCAM |
| Audio Recording Format | UDF HD 422 50 mode: LPCM 24 bits, 48 kHz, 4 channels HD 420 HQ mode: LPCM 16 bits, 48 kHz, 4 channels SD MPEG IMX mode: LPCM 16/24 bits, 48 kHz, 4 channels SD DVCAM mode: LPCM 16 bits, 48 kHz, 4 channels |
| Recording Frame Rate | FAT HD mode: LPCM 16 bits, 48 kHz, 4 channels SD DVCAM mode: LPCM 16 bits, 48 kHz, 2 channels UDF HD 422 50 mode: 1920 x 1080/ 59.94i, 50i, 29.97p, 25p, 23.98p 1280 x 720/ 59.94p, 50p, 29.97p, 25p, 23.98p HD 420 HQ mode: 1920 x 1080/ 59.94i, 50i, 29.97p, 25p, 23.98p (requires version up) 1440 x 1080/ 59.94i, 50i, 29.97p, 25p, 23.98p, 1280 x 720/ 59.94p, 50p, 23.98p (2-3 pull down) SD mode: 720 x 480/ 59.94i, 29.97PsF 720 x 576/ 50i, 25PsF FAT HD 420 HQ mode: 1920 x 1080/ 59.94i, 50i, 29.97p, 25p, 23.98p 1440 x 1080/ 59.94i, 50i, 29.97p, 25p, 23.98p 1280 x 720/ 59.94p, 50p, 29.97p, 25p, 23.98p HD SP 1440 mode: 1440 x 1080/ 59.94i, 50i, 23.98p (2-3 pull down) SD DVCAM mode: 720 x 480/ 59.94i, 29.97PsF 720 x 576/ 50i, 25PsF SxS Express 34 Cards |
| Recording Media | UDF |
| Recording/Playback Time | HD 422 50 / SD MPEG IMX mode: Approx. 120 min with 64 GB memory card |

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|-------------------------------|--|
| | Approx. 60 min with 32 GB memory card Approx. 30 min with 16 GB memory card |
| | HD 420 HQ mode: Approx. 180 min with 64 GB memory card Approx. 90 min with 32 GB memory card Approx. 45 min with 16 GB memory card |
| | SD DVCAM mode: Approx. 220 min with 64 GB memory card Approx. 110 min with 32 GB memory card Approx. 55 min with 16 GB memory card |
| | FAT HD HQ mode: Approx. 200 min with 64 GB memory card Approx. 100 min with 32 GB memory card Approx. 50 min with 16 GB memory card |
| | HD SP mode: Approx. 280 min with 64 GB memory card Approx. 140 min with 32 GB memory card Approx. 70 min with 16 GB memory card |
| | SD DVCAM mode: Approx. 260 min with 64 GB memory card Approx. 130 min with 32 GB memory card Approx. 65 min with 16 GB memory card |
| Inputs/Outputs | |
| Genlock Input | 1 x BNC (switchable to video out), 1.0 Vp-p, 75 ohm |
| Timecode Input | 1 x BNC (switchable to TC out) (SMPTE 12M-2-2008 standard, 0.5 V to 1.8 Vp-p, 10 kilo-ohm) |
| Audio Input | 2 x XLR-type 3-pin (female), line/mic/mic +48 V selectable |
| HDMI Output | 1 x A-type |
| SDI Output | 2 x BNC, HD-SDI/SD-SDI selectable |
| Composite Video Output | BNC type |
| Video Output | 1 x BNC, (switchable to Genlock In), HD-Y / Composite switchable, 1.0 Vp-p, 75 ohm |
| TC Output | 1 x BNC (switchable to TC in) (SMPTE 12M-2-2008 standard, 0.5 V to 1.8 Vp-p, 10 kilo-ohm) |
| Headphone Output | 1 x Stereo mini-jack |
| Speaker Output | Monaural |
| Lens Remote Control Connector | 8-pin, round |
| Remote | 8-pin |
| Built-In Microphone | Omni-directional stereo electret condenser microphone |
| DV I/O (i.LINK) | 1 x IEEE-1394, 4-pin, HDV (HDV 1080i) / DV input/output, S400 |
| USB Port | 1 x USB 2.0, mini-B type 1 x USB host, Type A |
| Lens | |
| Focal Length | 5.8 to 81.2 mm 35mm equivalent: 31.4 to 439 mm |
| Zoom Ratio | Optical 14x |
| Aperture | f/1.9 to f/16 and close |
| Lens Mount | 1/2-type EX mount |
| Filter Diameter | 77 mm, pitch 0.75 mm |
| Monitoring | |
| Viewfinder | 3.5" color LCD monitor 960 x 540 (HxV) |
| General Specifications | |
| Media Type | 2 x ExpressCard/34 |
| Battery Operating Time | Approx. 3.6 hrs with BP-U90 battery (while recording, with viewfinder, I/O Select Off) |
| Power Requirements | 12 VDC |
| Power Consumption | Approx. 20 W (while recording, with viewfinder, IO Select off) |
| Operating Temperature | 32 to 104°F (0 to 40°C) |
| Storage Temperature | -4 to 140°F (-20 to 60°C) |
| Dimensions (WxHxD) | 10.8 x 9.4 x 15.1" (27.5 x 23.9 x 38.4 cm) |
| Weight | 4.88 lb (2.21 kg) |
| Packaging Info | |

Package Weight

13.3 lb

Box Dimensions (LxWxH)

16.3 x 14.2 x 12.8"