Sony PXW-X160 Full HD XDCAM Handheld Camcorder













Rating: 4.0
Price:
Variant price modifier:

Price with discount:

Salesprice with discount:

USD 1,874.00

Discount:

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Manufacturer: Sony

Description

Product Highlights

- Three 1/3" Exmor CMOS Sensors
- XAVC Intra and Long GOP Codecs
- MPEG HD 422, AVCHD, & DV Codecs
- G Lens with 25x Optical Zoom
- Electronic Variable ND Filter
- Dual SxS Memory Card Slots
- 3G/HD-SDI & HDMI Output
- 0.5" OLED Viewfinder
- 3.5" LCD Panel

Camera	
Imaging Device	3 x 1/3" type Exmor CMOS sensor
Effective Pixels (H x V)	1920 x 1080
Horizontal Resolution	1000 TV lines or more (1920 x 1080i mode)
Sensitivity	F9 (typical) (1920 x 1080/59.94i mode) F10 (typical) (1920 x 1080/50i mode)
Minimum Illumination	0.12lx (typical), 1920 x 1080/59.94i mode, F1.6, +18 dB gain, 16 frame accumulation, Gamma off, 100% video level 0.02lx (typical), 1920 x 1080/59.94i mode, F1.6, +18 dB gain, 16 frame accumulation, Gamma on, 50% video level
S/N Ratio	60 dB (Y) (typical)
Gain	-3, 0, 3, 6, 9, 12, 15, 18 dB, AGC
Gamma Curve	Selectable
Shutter Speed	1/32 to 1/2000 sec Slow Shutter: 2 / 3 / 4 / 5 / 6 / 7 / 8 / 16 frames
White Balance	Present (3200K), Memory A, Memory B/ATW
Built-In ND Filters	Clear 1/4 1/16 1/64 Linear variable ND, approx. 1/4 to 1/128
Lens	
Type	Fixed
Zoom Ratio	25x (optical), servo/manual
Focal Length	3.7 to 92.5 mm
35mm Equivalent Focal Length	26 to 650 mm
Aperture	f/1.6 to f/11, and closed
Focus	Autofocus / manual focus selectable
Minimum Focus Distance	Wide (Macro ON): 0.39" (10 mm) Tele (Macro ON): 31.5" (800 mm)
Image Stabilizer	ON/OFF/ACTIVE selectable, shift lens
Filter Diameter	82 mm
Recording	
Video Recording Format	**XAVC-Intra** 1920x1080 59.94i: 111 Mbps max 1920x1080 50i: 112 Mbps max 1920x1080 29.97p: 111 Mbps max 1920x1080 25p: 112 Mbps max 1920x1080 23.98p: 89 Mbps max 1280x720 59.94p: 111 Mbps max 1280x720 50p: 112 Mbps max **XAVC-Long** 1920x1080 59.94i, 50i: 50/35/25 Mbps max 1920x1080 59.94p, 50p, 29.97p, 25p, 23.98p: 50/35 Mbps max 1280x720 59.94p, 50p: 50 Mbps max **MPEG HD422** 1920x1080 59.94i, 50i, 29.97p, 25p, 23.98p: 50 Mbps max 1280x720 59.94p, 50p, 29.97p, 25p, 23.98p: 50 Mbps max **MPEG HD420** 1920x1080 59.94i, 50i, 29.97p, 25p, 23.98p: 35Mbps max 1440x1080 59.94i, 50i: 35 Mbps max 1280x720 59.94p, 50p: 35Mbps max **AVCHD**

	1920x1080 59.94p, 50p: 28 Mbps max 1920x1080 59.94i, 50i, 29.97p, 25p, 23.98p: 24 Mbps max 1280x720 59.94p, 50p: 24 Mbps max **DVCAM** 720x480 59.94i: 25 Mbps 720x576 50i: 25 Mbps **Proxy** 1280x720: 9 Mbps 640x360: 3 Mbps 480x270: 1 Mbps 480x270: 500 Kbps
Slow & Quick Motion Function	XAVC-Intra 1920x1080: 1 to 60 frames (29.97p, 23.98p, 25p) XAVC-Intra 1280x720: 1 to 60 frames (59.94p, 50p) XAVC-Long1920x1080:1 to 60 frames (59.94p, 50p, 29.97p, 23.98p, 25p) XAVC-Long 1280x720: 1 to 120 frames (59.94p, 50p) HD422 1920x1080: 1 to 30 frames (29.97p, 23.98p, 25p) HD422 1280x720: 1 to 60 frames (59.94p, 50p, 29.97p, 23.98p, 25p)
Audio Recording Format	XAVC-Intra: LPCM 24-bit, 48 kHz, 2 channels XAVC-Long: LPCM 24-bit, 48 kHz, 2 channels MPEG HD422: LPCM 24-bit, 48 kHz, 2 channels MPEG HD420 HQ: LPCM 16-bit, 48 kHz, 2 channels AVCHD: LPCM 16-bit, 48 kHz, 2 channels Dolby Digital 16-bit, 48 kHz, 2 channels Dolby Digital Stereo Creator employed DVCAM: LPCM 16-bit, 48 kHz, 2 channels
Recording Time	XAVC-Intra: Approx. 120 minutes (128 GB memory card) Approx. 60 minutes (64 GB memory card) Approx. 30 minutes (32 GB memory card) XAVC-Long 50: Approx. 240 minutes (128 GB memory card) Approx. 120 minutes (64 GB memory card) Approx. 60 minutes (32 GB memory card) XAVC-Long 35: Approx. 340 minutes (128 GB memory card) Approx. 170 minutes (64 GB memory card) Approx. 85 minutes (32 GB memory card) XAVC-Long 25: Approx. 440 minutes (128 GB memory card) Approx. 220 minutes (64 GB memory card) Approx. 110 minutes (32 GB memory card) MPEG HD422: Approx. 240 minutes (128 GB memory card) Approx. 120 minutes (64 GB memory card) Approx. 60 minutes (32 GB memory card) MPEG HD420 HQ: Approx. 360 minutes (128 GB memory card) Approx. 180 minutes (64 GB memory card) Approx. 90 minutes (32 GB memory card) AVCHD: Approx. 290 minutes (64 GB memory card) Approx. 145 minutes (32 GB memory card) Approx. 70 minutes (16 GB memory card) DVCAM: Approx. 440 minutes (128 GB memory card) Approx. 220 minutes (64 GB memory card) Approx. 110 minutes (32 GB memory card)
Interface	
Audio Input	2 x XLR 3-pin, female, LINE/MIC/MIC+48V switchable MIC: -50 dBu / 3 kOhms LINE: +4 dBu / 10 kOhms
Audio Output	1 x 3.5 mm
SDI Output	1 x 3G-SDI, BNC connector

HDMI Output	1 x HDMI, Type A
Composite Output / GENLOCK-IN	1 x BNC connector, HD-Y / HD-SYNC / composite signal / GENLOCK IN
USB	1 x USB 2.0, mini-B (mass-storage) 1 x Type A (host)
Timecode Input & Output	1 x BNC connector
Remote	1 x 2.5 mm
DC Input	1 x DC jack
Shoe Mounts	1 x Multi Interface Shoe
Headphone Output	1 x 3.5 mm stereo mini-jack
Built-In Microphone	Omni-directional stereo electret condenser microphone
Monitoring	
Viewfinder	0.5" (1.27 cm) type color OLED 1024 x 768 resolution Approx. 2.36 million dots
LCD	3.5" (8.89 cm) color LCD monitor Aspect ratio: 16:9 Approx. 1.56 million dots
Recording Media	
Slots	2 x ExpressCard/34; supports SxS PRO+ and SxS-1 memory cards
General	
Power Requirements	19.5 VDC (AC Adaptor) 14.4 VDC (battery pack)
Power Consumption	Approx. 19.9 W (while recording with LCD Off, EVF On when the external device connector is not used)
Battery Operating Time	With battery pack BP-U90: approx. 4 hours (While recording with LCD Off, EVF On when the external device connector is not used) With battery pack BP-U60: approx. 2 hours, 35 minutes (While recording with LCD Off, EVF On when the external device connector is not used) With battery pack BP-U30: approx. 1 hours, 15 minutes (While recording with LCD Off, EVF On when the external device connector is not used)
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Dimensions (WxHxD)	7.54 x 7.93 x 16.22" (19.15 x 20.15 x 41.20 cm), without protrusions
Weight	Approx. 5.95 lb (2.7 kg); body only Approx. 7.05 lb (3.2 kg); with lens hood, eyecup, battery pack BP-U30, SxS memory card
Packaging Info	
Package Weight	12.8 lb
Box Dimensions (LxWxH)	17.0 x 10.7 x 10.7"