

Sony PXW-X320 XDCAM Solid State Memory Camcorder with Fujinon 16x Servo Zoom Lens



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 4,499.00

Discount:



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Manufacturer: [Sony](#)

Description

Product Highlights

- 3 x 1/2" Exmor CMOS Sensors
- 1920 x 1080 Up to 59.94i/p
- XAVC Intra/Long, MPEG, DVCAM
- 23.98p Native Recording
- Genlock & Timecode
- XDCAM EX Solid State Workflow
- SxS & SD Memory Cards
- 16x Optical Zoom Lens with Servo Control
- f/1.9 to f/16 and Close Iris Settings

Camera	
Image Device	3-chip 1/2"-type Exmor Full HD CMOS
Resolution	1920 x 1080
Optical System	f/1.6 prism system
Lens Mount	1/2"-type Sony Bayonet
Built-In Filters	1: Clear 2: 1/4ND 3: 1/16ND 4: 1/64ND
Shutter Speed	1/60 sec to 1/2,000 sec + ECS (Extended Clear Scan)
Slow Shutter Speed	2, 3, 4, 5, 6, 7, 8, 16, 32, 64-frame accumulation
Slow & Quick Motion Function	720p: Frame rate selectable from 1 fps to 60 fps 1080p: Frame rate selectable from 1 fps to 30 fps
Sensitivity	59.94i: F11 (typical) (1920 x 1080) 50i: F12 (typical) (1920 x 1080)
Minimum Illumination	1920 x 1080i 59.94: 0.05 lx (F1.6, +42 dB gain, with 64-frame accumulation)
White Balance	Preset (3200K) Memory A Memory B / ATW
Gain	-3, 0, 3, 6, 9, 12, 18, 24 dB
S / N Ratio	60 dB
Horizontal Resolution	1,000 TV lines or more (1920 x 1080i mode)
LCD Visual Display	Black & White LCD Display Audio Level TC Battery and Media remaining
Recording	
Media Card Slots	2 x SxS 1 x SD
Recording Format	XAVC-I mode: CBR, 112Mbps max, MPEG-4 AVC/H.264 XAVC-L50 mode: VBR, 50Mbps, MPEG-4 AVC/H.264 XAVC-L35 mode: VBR, 35Mbps, MPEG-4 AVC/H.264 XAVC-L25 mode: VBR, 25Mbps, MPEG-4 AVC/H.26 MPEG-2 Long GOP: HD 422 mode: CBR, 50 Mbps max., MPEG-2 422P@HL HQ mode: VBR, 35 Mbps max., MPEG-2 MP@HL SP mode: CBR, 25 Mbps, MPEG-2 MP@H-14 SD mode : MPEG IMX, DVCAM
Frame Rates	XAVC I 1920 x 1080p: 29.97 / 25 / 23.98 1920 x 1080i: 59.94 / 50 1280 x 720p: 59.94 / 50 XAVC Long 1920 x 1080p: 29.97 / 25 / 23.98 1920 x 1080i: 59.94 / 50 1280 x 720p: 59.94 / 50 MPEG HD422 1920 x 1080p: 29.97 / 25 / 23.98 1920 x 1080i: 59.94 / 50 1280 x 720p: 59.94 / 50 / 29.97 / 25 / 23.98 MPEG HD (420)

1920 x 1080p: 29.97 / 25 / 23.98
1920 x 1080i: 59.94 / 50
1440 x 1080p: 29.97 / 25 / 23.98
1440 x 1080i: 59.94 / 50 1280 x 720p: 59.94 / 50 / 29.97 / 25 / 23.98

MPEG IMX

720 x 512p: 29.97 / 25
720 x 512i: 59.94 / 50
720 x 698p: 29.97 / 25
720 x 698i: 29.97 / 25

DVCAM

720 x 480p: 29.97 / 25
720 x 480i: 59.94 / 50
720 x 576p: 29.97 / 25
720 x 576i: 29.97 / 25

Recording/Playback Time

exFAT

XAVC-I mode

Approx. 120 min with SBP-128B (128GB) memory card
Approx. 60 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 30 min with SBS-32G1A (32 GB) memory card

XAVC-L50 mode

Approx. 240 min with SBP-128B (128GB) memory card
Approx. 120 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 60 min with SBS-32G1A (32 GB) memory card

XAVC-L35 mode

Approx. 340 min with SBP-128B (128GB) memory card
Approx. 170 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 85 min with SBS-32G1A (32 GB) memory card

XAVC-L25 mode

Approx. 440 min with SBP-128B (128GB) memory card
Approx. 220 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 110 min with SBS-32G1A (32 GB) memory card

HD 422 50/ SD MPEG IMX mode

Approx. 240 min with SBP-128B (128GB) memory card
Approx. 120 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 60 min with G49SBS-32G1A (32 GB) memory card

HD 420 HQ mode

Approx. 360 min with SBP-128B (128GB) memory card
Approx. 180 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 90 min with SBS-32G1A (32 GB) memory card

SD DVCAM mode

Approx. 440 min with SBP-128B (128GB) memory card
Approx. 220 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 110 min with SBS-32G1A (32 GB) memory card

UDF mode

HD 422 50/ SD MPEG IMX

Approx. 240 min with SBP-128B (128GB) memory card
Approx. 120 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 60 min with G49SBS-32G1A (32 GB) memory card

HD 420 HQ mode

Approx. 360 min with SBP-128B (128GB) memory card
Approx. 180 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 90 min with SBS-32G1A (32 GB) memory card

SD DVCAM mode

Approx. 440 min with SBP-128B (128GB) memory card
Approx. 220 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 110 min with SBS-32G1A (32 GB) memory card

FAT mode

HD HQ mode

Approx. 400 min with SBP-128B (128GB) memory card
Approx. 200 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 100 min with SBS-32G1A (32 GB) memory card

HD SP mode

Approx. 560 min with SBS-64G1A (64 GB) memory card
Approx. 280 min with SBS-64G1A/ SBP-64B (64 GB) memory card
Approx. 140 min with SBS-32G1A (32 GB) memory card

	SD DVCAM mode Approx. 520 min with SBP-128B (128GB) memory card Approx. 260 min with SBS-64G1A/ SBP-64B (64 GB) memory card Approx. 130 min with SBS-32G1A (32 GB) memory card
Viewfinder	
Size	3.5" color LCD
Resolution (H x V)	Quarter HD: 960 x 540
Lens	
Lens	Fujinon 16x Optical Zoom, Servo/Manual 5.8 to 93mm (31.4 to 503mm, 35mm equivalent) f/1.9 - 16 and Close, auto/manual selectable AF/MF/Full MF selectable 800 mm to ? (MACRO OFF) 50 mm to ? (MACRO ON, Wide) 782 mm to ? (MACRO ON, Tele) 82mm, pitch 0.75mm (on lens)
Focus	
Filter Diameter	
Audio	
Audio Signal Format	HD mode: Linear PCM (4 ch, 24 / 16-bit, 48-kHz) SD mode: Linear PCM (2 / 4 ch, 16-bit, 48-kHz)
General	
Input and Output Connectors	Output Composite: 1 x BNC (HD-Y or analog composite) SDI: 2 x BNC (SD/HD-SDI selectable) HDMI: 1 x Type A Timecode: 1 x BNC Audio: 1 x 5-pin XLR Earphone: 1 x stereo mini jack Speaker: 1 x Monaural Input Genlock: 1 x BNC Timecode: 1 x BNC Audio: 2 x 3-pin XLR (Line/Mic/Mic + 48V Selectable) Audio: XLR 5-pin (x1 Output) Speaker: Monaural (x1 Output) Power 1 x 4-pin XLR Interface IEEE 1394: 1 x 6-Pin bi-directional (i.Link / Firewire), HDV / DVCAM USB: 1 x Type A (host), 1 x type B (USB device) Lens: 12-pin Remote: 8-pin light: 1 x P-Tap (2-pin) Wireless Receiver: 15-pin D-Sub (x1 Input) 12VDC With LCD VF, AF lens, mic, while recording in 1080/59.94i: 18W (approx.) Body while recording in 1080/59.94i: 15W (approx.) 32 to 104°F / 0 to 40°C -4 to 140°F / -20 to 60°C 4.9 x 10.6 x 13.1" / 124 x 269 x 332 mm Approximately 7.50 lb / 3.40 kg (without lens, VF, Mic) 17.6 lb 17.7 x 15.1 x 14.2"
Power Requirements	
Power Consumption	
Operating Temperature	
Storage Temperature	
Dimensions	
Weight	
Packaging Info	
Package Weight	
Box Dimensions (LxWxH)	