

## Sony PXW-X500 XAVC 60P 2/3" Camcorder Body



Rating: 4.0

**Price:**

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 11,497.00

Discount:



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Manufacturer: [Sony](#)

Description

### Product Highlights

- Three 2/3" CCD Sensors
- Full HD 1920 x 1080 Up to 120 fps
- XAVC, MPEG SSiP, MPEG HD422, MPEG HD420
- 2 x SxS & 2 x SD Media Card Slots

- 3G-SDI, HDMI Output, Composite Output
- Genlock In, Timecode In & Out & GPS
- Built-In Wireless Hardware
- Built-In 3.5" LCD Info Screen
- Slow & Quick Motion

Sensor

Resolution  
Prism  
Built-In Filters

The PXW-X500 features three 2/3" Power HAD FX IT CCDs that make up its sensor block.  
1920 x 1080  
f/1.4  
**ND**  
Clear  
1/4  
1/16  
1/64

Lens Mount  
Minimum Illumination  
Sensitivity

**Electronic CC**  
3200K  
4300K  
5600K  
6300K  
Sony 2.3" type bayonet mount  
0.016 lux (F1.4, +42dB, 16-frame accumulation)  
**2000 lux, 89.9% reflectance**  
F11 (typical) @ 59.94i  
F12 (typical) @ 50i  
-6, -3, 0, 3, 6, 9, 12, 18, 24, 30, 36, 42 db  
60dB (w/Noise Suppressor), F11@60i / F12@50i

Gain  
Signal to Noise Ratio  
Display  
Viewfinder  
LCD Panel  
Recording  
Recording Media

20-pin HDVF type and 26-pin for CBK-VF02  
Color LCD panel, with 960 x 540 resolution  
  
SxS Media Cards  
SD Cards for proxy file recording and firmware updates, setup, and User Gamma settings  
**MPEG4 SStP**  
MPEG-4 Simple Studio Profile, SR-Lite 422, 220 Mbps  
LPCM 24-bits, 48 KHz, 4 channels

Recording Format

**XAVC Intra**  
CBR 112Mbps, MPEG-4 H.264/AVC  
LPCM 24-bit, 48kHz, 4 channels  
  
**XAVC-L 50 mode**  
VBR, maximum 50Mbps, MPEG-4 H.264/AVC  
LPCM 24-bit, 48kHz, 4 channels  
  
**XAVC-L 35 mode**  
VBR, maximum 35Mbps, MPEG-4 H.264/AVC  
LPCM 24-bit, 48kHz, 4 channels  
  
**XAVC-L 25 mode**  
VBR, maximum 25Mbps, MPEG-4 H.264/AVC  
LPCM 24-bit, 48kHz, 4 channels  
  
**MPEG-2 Long HD422**  
CBR, 50Mbps, MPEG-2 422@HL  
LPCM 16-bit, 48kHz, 4 channels  
  
**MPEG-2 Long HD420 HQ mode**  
VBR, maximum 35Mbps, MPEG-2 MP@HL  
LPCM 16-bit, 48kHz, 4 channels

Recording Frame Rate

**DVCAM**  
CBR 25Mbps  
LPCM 16-bit, 48kHz, 4 channels  
**XAVC Intra**

Recording/Playback Time

1920 x 1080i: 59.94, 50  
1920 x 1080p: 29.97, 23.98, 25  
1280x720p: 59.94, 50

**XAVC-L 50 mode**  
1920 x 1080i: 59.94, 50  
1920 x 1080p: 29.97, 23.98, 25  
1280x720p: 59.94, 50

**XAVC-L 35 mode**  
1920 x 1080i: 59.94, 50  
1920 x 1080p: 29.97, 23.98, 25

**XAVC-L 25 mode**  
1920 x 1080i: 59.94, 50

**MPEG-2 Long HD422**  
1920 x 1080i: 59.94, 50  
1920 x 1080p: 29.97, 23.98, 25  
1280x720p: 59.94, 50, 29.97, 23.98, 25

**MPEG-2 Long HD420 HQ mode**  
1920 x 1080i: 59.94, 50  
1920 x 1080p: 29.97, 23.98, 25  
1440 x 1080i /59.94, 50  
1280x720p: 59.94, 50

**DVCAM**  
720x480i 59.94  
720x576i 50

**XAVC Intra**  
Approx. 120 min with SBP-128B(128GB)  
Approx. 60 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 30 min with SBP-32G1A(32GB)

**XAVC Long : XAVC-L 50 mode**  
Approx. 240 min with SBP-128B(128GB)  
Approx. 120 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 60 min with SBP-32G1A(32GB)

**XAVC Long : XAVC-L 35 mode**  
Approx. 340 min with SBP-128B(128GB)  
Approx. 85 min with SBP-32G1A(32GB)

**XAVC Long : XAVC-L 25 mode**  
Approx. 440 min with SBP-128B(128GB)  
Approx. 220 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 110 min with SBP-32G1A(32GB)

**MPEG-2 Long HD422**  
Approx. 240 min with SBP-128B(128GB)  
Approx. 120 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 60 min with SBP-32G1A(32GB)

**MPEG-2 Long HD420 HQ mode**  
Approx. 360 min with SBP-128B(128GB)  
Approx. 180 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 90 min with SBP-32G1A(32GB)

**MPEG4 SStP**  
Approx 82 min with 128 GB SxS card @ 23.98p  
Approx 79 min with 128 GB SxS card @ 50i/25p  
Approx 65 min with 128 GB SxS card @ 59.94i/29.97p

**DVCAM**  
Approx. 440 min with SBP-128B(128GB)  
Approx. 220 min with SBP-64B/SBS-64G1A(64GB)  
Approx. 110 min with SBP-32G1A(32GB)  
1/60 to 1/2000

Shutter Speeds

|  |   |
|--|---|
| Slow Shutter<br>Gamma Choices  | ECS: 50 to 7000 Hz (50i/p mode), 60 to 7000 Hz (60i mode), 60 to 8000 Hz (60p mode)<br>Frame Accumulation: 2, 3, 4, 5, 6, 7, 8, & 16 frames<br>Standard<br>Hyper Gamma (4x)<br>User defined Gamma (Uses CVP Editor ver. 4.3)  |
| White Balance Modes  | Preset (3200)<br>< Memory A<br>Memory B / ATW   |
| Interface<br>Input   | <b>Audio</b><br>2 x XLR 3-pin female (Line / AES EBU / Mic / Mic + 48 V)<br><br>1 x 5-pin XLR female (Mic -70 to -30 dBu) <b>SDI</b><br>1 x BNC<br><br><b>Timecode</b><br>1 x BNC 0.5 V to 18 Vp-p, 10 k?<br><br><b>Genlock</b><br>1 x BNC 1.0 Vp-p, 75 ?,<br><br><b>DC - Power</b><br>1 x 4-pin XLR<br><br><b>Lens</b><br>1 x 12-pin connector<br><b>HD-Y or Analog Composite</b><br>1 x BNC<br><br><b>SDI</b><br>2 x BNC (SD.HD-SDI selectable)<br><br><b>Timecode</b><br>1 x BNC<br><br><b>DC Output</b><br>1 x Round type 4-pin, 11 V to 17 V DC, 1.8 A maximum rated |
| Output   | <b>HDMI</b><br>1 x HDMI type A<br><b>Remote</b><br>1 x 8-pin<br>Light<br>2-pin<br><br><b>USB</b><br><br>4-pin (type A), 4-pin (type B) (2)<br>Yes<br>SxS (x 2)<br>SD (x 2)  |
| Other  | <b>Operating</b><br>23 to 104°F / -5 to 40°C<br><br><b>Storage</b><br>-4 to 140°F / 2- to 60°C<br>11 to 17 VDC (12 Volt Nominal)<br>5.9 x 10.6 x 13" / 150 x 269 x 332 cm<br>8.4 lb / 3.8 kg  |
| Accessory Shoe<br>Memory Card Slot   | 12.65 lb<br>21.5 x 14.0 x 10.0"   |
| General<br>Temperature   |   |
| Power Requirements<br>Dimensions (WxHxD)<br>Weight<br>Packaging Info<br>Package Weight<br>Box Dimensions (LxWxH) |   |