

Sony HXR-MC2500E Shoulder Mount AVCHD Camcorder (PAL)



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 649.00

Discount:



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Manufacturer: [Sony](#)

Description

Product Highlights

- 1/4" Exmor R CMOS Sensor
- 26.8mm Equivalent Wide-Angle Lens
- Records SD in DV AVI File
- OLED Viewfinder with 1.44 Million Dots
- Flip-Up 3" LCD with 921k Dot Resolution
- Wi-Fi Connectivity with NFC
- Internal 32GB Flash Memory
- Sony Multi-Interface Hot Shoe
- BNC Connector on Composite Output
- SDXC/Memory Stick Card Slot

Signal System

1080/50i

PAL 576/50i

Image Device
Pixels

1/4" Exmor R CMOS Sensor (back-illuminated)

Total: 6,590,000

Effective: 6,140,000 (16:9); 4,600,000 (4:3)

Minimum Illumination

1.6 lux: MAN setting: SS 1/30 sec, Iris F1.8, Gain 33 dB

0.8 lux: MAN setting: SS 1/15 sec, Iris F1.8, Gain 33 dB

Lens

Zoom

Optical: 12x

Clear Image Zoom: 24x

Digital: 200x

Zoom Control

Servo/manual

Focal Length

f= 2.9 to 34.8 mm

35mm Equivalent 16:9: f= 26.8 to 321.6 mm

35mm Equivalent 4:3: f= 32.8 to 393.6 mm

f/1.8 to F3.4 -- auto/manual selectable

Iris

Focusing Distance

Wide: 0.4" / 10 mm to ?

Telephoto: 31.5" / 800 mm to ?

Focus Control

Auto/manual selectable

Image Stabilization

ON (Standard/ACTIVE)/OFF selectable, shift lens

Filter Diameter

37 mm

Display

LCD Monitor

3" LCD

921,000 dots

Viewfinder

0.39" OLED

1.44 million dots

Exposure Control

Shutter Speed Range

1/8 to 1/10,000 (1/6 to 1/10,000 in 24p mode)

White Balance

Preset: Indoor, Outdoor

Color Temperature Set Range: 2300 to 15000K

One-push A, B, Auto selectable

Gain

0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33 dB -- auto selectable

Recording

Video Formats

HD: MPEG-4 AVC/H.264 (AVCHD)

SD: DV codec in AVI wrapper

Recording Rate

HD:

AVCHD FX (24 Mbps) 1920 x 1080: 50i / 16:9

AVCHD FH (17 Mbps) 1920 x 1080: 50i / 16:9

AVCHD HQ (9 Mbps) 1440 x 1080: 50i / 16:9

AVCHD LP (5 Mbps) 1440 x 1080: 50i / 16:9

SD:

MPEG2 SD HQ (9 Mbps) 720 x 576: 50i / 16:9 or 4:3

Internal: 32 GB

Recording Media

Memory Card Slot: SD/SDHC/SDXC and Memory Stick Pro Duo

Maximum Recording Time

Internal Memory / 32 GB SDHC Card:

PS (LPCM): 145 minutes

FX (LPCM): 170 minutes

FH (LPCM): 225 minutes

HG (LPCM): minutes

DV (LPCM): 140 minutes

Audio

Audio Signal Format

HD: Linear PCM 2-channel; 16-bit, 48 kHz / Dolby Digital 2-channel, 16-bit, 48 kHz

| | |
|------------------------|---|
| Built-In Microphone | SD: Linear PCM 2-channel; 16-bit, 48 kHz |
| Connectivity | Omni-directional stereo electret condenser microphone |
| Outputs | 1 x HDMI 1 x Composite on BNC female 1 x Analog Audio on 2 x RCA female 1 x Headphone on 3.5 mm mini-jack |
| USB | 1 x USB 2.0 on mini-AB connector -- for data transfer to a computer and connecting a USB mass storage device |
| Remote | 1 x LANC on 2.5 mm sub-mini |
| Accessory Shoe | 1 x Multi Interface Shoe 2 x Cold shoe |
| Built-In LED | |
| Luminous Intensity | 3.3' / 1 m: 200 lux 1.6' / 0.5 m: 800 lux |
| Lighting Angle | 30° |
| Color Temperature | 5,500K |
| Wi-Fi | |
| Protocol | IEEE 802.11 b/g/n |
| Frequency | 2.4 GHz |
| Security | WEP/WPA-PSK/WPA2-PSK |
| NFC | NFC Forum Type 3 Tag compliant |
| General | |
| Power Requirements | Battery Pack: 7.2 VDC AC Adapter: 8.4 VDC |
| Power Consumption | 3.3 W |
| Battery Life | Approximately 285 minutes with NP-F570 battery -- with video light off Approximately 135 minutes with NP-F570 battery -- with video light on |
| Operating Temperature | 32 to 104°F / 0 to 40°C |
| Storage Temperature | -4 to 140°F / -20 to 60°C |
| Dimensions (WxHxD) | 10.4 x 9.3 x 6.1" / 265 x 235 x 155 mm -- body only 2.6 x 9.4 x 18.1" / 65 x 240 x 460 mm -- with lens hood, lens cap, microphone, and eyecup (excluding the grip belt and including the projecting parts) |
| Weight | 6.2 lb / 2.8 kg (body only) 6.8 lb / 3.1 kg (lens hood, lens cap, microphone, eyecup, shoe cap, and NP-F570 battery) |
| Packaging Info | |
| Package Weight | 11.95 lb |
| Box Dimensions (LxWxH) | 20.7 x 13.2 x 12.8" |