SONY

PXW-Z150

Compact handy camcorder delivers broadcast quality 4K and Full-HD



Spécifications techniques

General	
Mass	Approx. 1895g (Body only) Approx. 4lb 3 oz (Body only) Approx. 2270 g (with lens hood, eyecup, NP-F770 battery) Approx. 5 lb (with lens hood, eyecup, NP-F770 battery)
Dimensions (W x H x D) *1	171.3 × 187.8 × 371.3 mm (With the accessories (lens hood, large eyecup), excluding the grip belt and including the projecting parts) 6 3/4 x 7 3/8 x 14 5/8 inches (With the accessories (lens hood, large eyecup), excluding the grip belt and including the projecting parts)
Power Requirements	DC In: 8.4V, Battery: 7.2 V
Power Consumption	Approx. 6.3 W (while recording with viewfinder and XAVC HD 1080/60i 50 Mbps) Approx. 6.6 W (while recording

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	with LCD and XAVC HD 1080/60i 50 Mbps)
Operating Temperature	0°C to 40°C 32°F to 104°F
Storage Temperature	-20°C to +60°C -4°F to +140°F
Battery Operating Time	Approx. 260 min. with NP-F770 battery (while recording with LCD, XAVC 1080/60i, 50 Mbps) Approx. 400 min. with NP-F970 battery (while recording with LCD, XAVC 1080/60i, 50 Mbps)
Recording Format (Video)	XAVC QFHD: MPEG-4 AVC/H.264 4:2:0 Long profile XAVC HD : MPEG-4 AVC/H.264 4:2:2 Long profile XAVC Proxy: MPEG-4 AVC/H.264 4:2:0 Long profile MPEG HD422: MPEG-2 422P@HL 4:2:2 Long profile MPEG HD420: MPEG-2 MP@HL 4:2:0 Long profile MPEG HD Proxy: MPEG-4 AVC/H.264 4:2:0 Long profile AVCHD : MPEG-4 AVC/H.264 AVCHD 2.0 format compatible
Recording Format	XAVC QFHD : Linear PCM 2ch, 24bit, 48kHz XAVC HD : Linear PCM 2ch, 24bit, 48kHz XAVC Proxy : AAC-LC 2ch, 16bit, 48kHz MPEG HD422 : Linear PCM 2ch,

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(Audio)	24bit, 48kHz MPEG HD420 : Linear PCM 2ch, 16bit, 48kHz MPEG HD Proxy : AAC-LC 2ch, 16bit, 48kHz AVCHD : Linear PCM 2ch, 16bit, 48kHz Dolby Digital 2ch, 16bit, 48kHz
Recording Frame Rate	XAVC QFHD (3840 x 2160) @29.97p, 25p, 23.98p 100Mbps/60Mbps XAVC HD (1920 x 1080) @59.94p, 50p, 50 Mbps/35 Mbps XAVC HD (1920 x 1080) @59.94i, 50i, 50 Mbps/35 Mbps/25 Mbps XAVC HD (1920 x 1080) @29.97p, 25p, 23.98p, 50 Mbps/35 Mbps XAVC HD (1280 x 720)@59.94p, 50p, 50Mbps XAVC Proxy (1280 x 720) @59.94p, 50p, 29.97p, 25p, 23.98p 9Mbps XAVC Proxy (640 x 360) @59.94p, 50p, 29.97p, 25p, 23.98p, 3Mbps MPEG HD422 (1920 x 1080) @59.94i, 50i, 29.97p, 25p, 23.98p, 50 Mbps MPEG HD422 (1280 x 720) @59.94p, 50p, 50Mbps MPEG HD420 (1920 x 1080) @59.94i, 50i, 29.97p, 25p, 23.98p, HQ mode (35Mbps) MPEG HD420 (1440 x 1080)

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	@59.94i, 50i, HQ mode (35Mbps)
Recording Frame Rate (contd)	MPEG HD420 (1280 x 720) @59.94p, 50p, HQ mode (35Mbps) MPEG HD Proxy (1280 x 720) @59.94p, 50p, 29.97p, 25p, 23.98p, 9Mbps MPEG HD Proxy (640 x 360) @59.94p, 50p, 29.97p, 25p, 23.98p, 3Mbps AVCHD (1920 x 1080)@59.94p, 50p, PS mode (28 Mbps) AVCHD (1920 x 1080) @59.94i/50i/29.97p/25p/23.98p, FX mode (24 Mbps), FH mode(17 Mbps) AVCHD (1280 x 720)@59.94p, 50p, FX mode (24 Mbps) FH mode (17 Mbps) HQ mode (9 Mbps)
Recording/Playback Time	XAVC-L QFHD 100 mode, Approx. 65 min with 64 GB memory card XAVC-L QFHD 60 mode, Approx. 100 min with 64 GB memory card XAVC-L HD 50 mode, Approx. 120 min with 64 GB memory card XAVC-L HD 35 mode, Approx. 170 min with 64 GB memory card XAVC-L HD 25 mode, Approx. 220 min with 64 GB memory

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	card
	MPEG HD422 @LPCM 2ch 50 Mbps, Approx. 110 min with 64 GB memory card MPEG HD420 @LPCM 2ch HQ Mode, Approx. 170 min with 64 GB memory card
Recording/Playback Time (Contd)	AVCHD@LPCM 2ch PS Mode, Approx. 290 min with 64 GB memory card AVCHD@LPCM 2ch FX Mode, Approx. 340 min with 64 GB memory card AVCHD@LPCM 2ch FH Mode, Approx. 450 min with 64 GB memory card AVCHD@LPCM 2ch HQ Mode, Approx. 750 min with 64 GB memory card

Lens

Lens Mount	Fixed
Zoom Ratio	12x (optical), servo
Focal Length	f = 9.3 - 111.6 mm equivalent to f = 29.0 - 348.0 mm on 35 mm lens (16:9)
Iris	F2.8 - F4.5 auto/manual selectable
	AF/MF selectable, 10 mm to ∞

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Focus	(Wide), 1000 mm to ∞ (Tele)
Image Stabilizer	ON/OFF selectable, shift lens
Filter Diameter	M62 mm

Camera Section

Imaging Device (Type)	1.0-type (13.2 mm x 8.8 mm) back-illuminated Exmor RS CMOS sensor
Imaging Device (Pixel Count)	Approx. 20 M pixels (total) Approx. 14.2 M pixels (Effective)
Effective Picture Elements	3840 (H) x 2160 (V)
Built-in Optical Filters	ND filters OFF: CLEAR 1: 1/4ND 2: 1/16ND 3: 1/64ND
Minimum Illumination	1.7 lux (Low Lux)
Shutter Speed	[60i]: 1/8 - 1/10,000 (1/6 - 1/10,000 when shooting with 24p) [50i]: 1/6 -1/10,000
	[60i]: XAVC HD: Frame rate selectable 1.2.4.8.15.30,60 fps [50i]: XAVC HD: Frame rate selectable 1.2.3.6.12.25,50

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Slow & Quick Motion Function	fps [60i]: MPEG HD: Frame rate selectable 1.2.4.8.15.30 fps [50i]: MPEG HD: Frame rate selectable 1.2.3.6.12.25 fps [60i]: AVCHD: Frame rate selectable 1.2.4.8.15.30,60 fps [50i]: AVCHD: Frame rate selectable 1.2.3.6.12.25,50 fps
Super Slow Motion Function	[60i]: XAVC HD: Frame rate selectable 120 fps [50i]: XAVC HD: Frame rate selectable 100 fps
White Balance	Preset (Indoor: 3200K, Outdoor: 5600K±7 steps, Color temperature set range: 2300-15000K), Onepush A, B, Auto selectable
Gain	-3, 0, 3, 6, 9, 12,15, 18, 21, 24, 27, 30, 33 dB, AGC
Gamma Curve	Selectable

Input/Output

Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable
Video Output	Integrated into Multi/Micro USB jack (x1), RCA pin(x1), Composite 1.0Vp-p, 75 Ω
	Integrated into Multi/Micro

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Audio Output	USB jack(x1), RCA pin(Monaural)(x1)
SDI Output	BNC (x1), 3G/HD/SD SMPTE ST 424/ST 292-1/ST 259 standards
Headphone Output	Stereo mini jack (x1)
Speaker Output	Monaural
DC Input	DC jack
Remote	Stereo mini-mini jack (Φ2.5 mm)
HDMI Output	HDMI connector (Type A)

Monitoring

Viewfinder	1.0cm（0.39 type) OLED, Approx. 1.44M dots
LCD	8.8cm (3.5 type), Approx. 1.56M dots

Built-in Microphone

Built-in Microphone	Omni-directional stereo electret condenser microphone

Media

Type	MS/SD(1),SD(1)

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Wi-Fi/NFC

Supported Format	IEEE 802.11 b/g/n
Frequency Band	2.4 GHz bandwidth
Security	WEP/WPA-PSK/WPA2-PSK
NFC	NFC Forum Type 3 Tag compliant

Supplied Accessories

Supplied Accessories	Lens hood (1) Large eyecup (1) Shoecap (1) Accessory shoe kit (accessory shoe (1), accessory shoe plate (1), screws (4)) USB cable (1) AC Adaptor (AC-L100 C) (1) Power cord (mains lead) (1) Rechargeable battery pack (NP-F770) (1) Charger(BC-L1) (1) Wireless Remote Commander (RMT-845) (1) Lithium battery (CR2025 for the Wireless Remote Commander) (1), Pre-installed to the Wireless Remote Commander Operating Guide (2) CD-ROM "Manuals for Solid-State Memory Camcorderr" (1) Warranty (1)

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Notes

*1	The values for dimensions are approximate.

Related products



SMAD-P3D

Multi Interface Shoe (MI Shoe) adaptor for URX-P03D (Dual Channel)



LMD-A240

24-inch lightweight Full HD high grade LCD monitor for studio and field use



LMD-B170

17-inch cost-effective, lightweight basic grade Full HD LCD monitor for versatile use



MCX-500

Multi-Camera Live Producer



BC-U2A

Two-channel simultaneous battery charger/AC adaptor for BP-U90/U60/U60T/U30 Lithium-ion battery



LMD-A220

22-inch lightweight Full HD high grade LCD monitor for studio and field use



LMD-A170

17-inch lightweight Full HD high grade LCD monitor for studio and field use



LMD-B240

24-inch cost-effective, lightweight basic grade Full HD LCD monitor for versatile use



PWS-110RX1A

Network RX Station

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SONY

Gallery












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