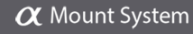




FX9

PXW-FX9 / PXW-FX9K



Technische Daten

General

Mass	Approx 2.0 kg (body only) Approx. 4.8 kg (with Viewfinder, Eyepiece, Grip Remote Control, BP-U35 battery, SELP28135G LENS, an XQD memory card, Handle, MIC holder)
Dimensions (W x H x D)	146 x 142.5 x 229 mm (body without protrusions)
Power Requirements	DC 19.5V
Power Consumption	Approx. 35.2 W (while recording XAVC-I QFHD 59.94p, SELP28135G Lens, Viewfinder ON, not using external device)
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. 54min. with BP-U35 battery (while recording XAVC-I QFHD 59.94p, SELP28135G Lens, Viewfinder ON, not using external device) Approx. 108min. with BP-U70 battery (while recording XAVC-I QFHD 59.94p, SELP28135G Lens, Viewfinder ON, not using external device)
Recording Format (Video) [XAVC Intra]	XAVC-I QFHD 59.94p mode: VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264 XAVC-I QFHD 50p mode: VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264 XAVC-I QFHD 29.97p mode: VBR, MAX bit rate 300 Mbps, MPEG-4 AVC/H.264 XAVC-I QFHD 25p mode: VBR, MAX bit rate 250 Mbps, MPEG-4 AVC/H.264 XAVC-I QFHD 23.98p mode: VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264 XAVC-I HD 59.94p mode: CBG, MAX bit rate 222 Mbps, MPEG-4 AVC/H.264 XAVC-I HD 50p mode: CBG, MAX bit rate 223 Mbps, MPEG-4 AVC/H.264 XAVC-I HD 59.94i/29.97p mode: CBG, MAX bit rate 111 Mbps, MPEG-4 AVC/H.264 XAVC-I HD 50i/25p mode: CBG, MAX bit rate 112Mbps, MPEG-4 AVC/H.264 XAVC-I HD 23.98p mode: CBG, MAX bit rate 89Mbps, MPEG-4 AVC/H.264
Recording Format (Video) [XAVC Long]	XAVC-L QFHD 29.97p/25p/23.98p mode: VBR, MAX bit rate 100 Mbps, MPEG-4 H.264/AVC XAVC-L QFHD 59.94p/50p mode: VBR, MAX bit rate 150 Mbps, MPEG-4 H.264/AVC XAVC-L HD 59.94i/29.97p/50i/25p/23.98p/59.94p/50p mode: VBR, MAX bit rate 50 Mbps, MPEG-4 H.264/AVC XAVC-L HD 59.94i/29.97p/50i/25p/23.98p/59.94p/50p mode: VBR, MAX bit rate 35 Mbps, MPEG-4 H.264/AVC

Recording Format (Video) [MPEG-2 Long GOP]	MPEG2 HD422 mode: CBR, MAX bit rate 50 Mbps, MPEG-2 422P@HL
Recording Format (Audio)	LPCM 24 bits, 48 kHz, 4 channels
Recording Frame Rate	<p>[XAVC Intra]</p> <p>XAVC-I QFHD mode: 3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P XAVC-I HD mode: 1920 x 1080/59.94P, 59.94i, 50P, 50i, 29.97P, 23.98P, 25P</p> <p>[XAVC Long]</p> <p>XAVC-L QFHD mode: 3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P XAVC-L HD 50 mode: 1920 x 1080, 1280 x 720/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P XAVC-L HD 35 mode: 1920 x 1080/59.94P, 50P, 59.94i, 50i, 29.97P, 23.98P, 25P XAVC-L HD 25 mode: 1920 x 1080/59.94i, 50i</p> <p>[MPEG-2 Long GOP]</p> <p>MPEG HD422 mode: 1920 x 1080/59.94i, 50i, 29.97P, 23.98P, 25Pi</p>
Recording/Playback Time [XAVC Intra]	<p>XAVC-I QFHD 59.94p When using QD-G128A (128 GB): Approx. 22 minutes When using QD-G64A (64 GB): Approx. 10 minutes</p> <hr/> <p>XAVC-I QFHD 50p When using QD-G128A (128 GB): Approx. 26 minutes When using QD-G64A (64 GB): Approx. 13 minutes</p> <hr/> <p>XAVC-I QFHD 29.97p When using QD-G128A (128 GB): Approx. 43 minutes When using QD-G64A (64 GB): Approx. 21 Minutes</p> <hr/> <p>XAVC-I QFHD 25p When using QD-G128A (128 GB): Approx. 52 minutes When using QD-G64A (64 GB): Approx. 25 Minutes</p> <hr/> <p>XAVC-I QFHD 23.98p When using QD-G128A (128 GB): Approx. 54 minutes When using QD-G64A (64 GB): Approx. 26 Minutes</p> <hr/> <p>XAVC-I HD 59.94p When using QD-G128A (128 GB): Approx. 57 minutes When using QD-G64A (64 GB): Approx. 28 Minutes</p> <hr/> <p>XAVC-I HD 50p When using QD-G128A (128 GB): Approx. 57 minutes When using QD-G64A (64 GB): Approx. 27 Minutes</p> <hr/> <p>XAVC-I HD 59.94i/29.97p When using QD-G128A (128 GB): Approx. 105 minutes When using QD-G64A (64 GB): Approx. 53 Minutes</p> <hr/> <p>XAVC-I HD 50i/25p When using QD-G128A (128 GB): Approx. 105 minutes When using QD-G64A (64 GB): Approx. 53 Minutes</p> <hr/> <p>XAVC-I HD 23.98p When using QD-G128A (128 GB): Approx. 130 minutes When using QD-G64A (64 GB): Approx. 65 Minutes</p>
Recording/Playback Time [XAVC Long]	<p>XAVC-L QFHD 29.97p/25p/23.98p When using QD-G128A (128 GB): Approx. 125 minutes When using QD-G64A (64 GB): Approx. 62 Minutes</p> <hr/> <p>XAVC-L QFHD 59.94p/50p When using QD-G128A (128 GB): Approx. 86 minutes When using QD-G64A (64 GB): Approx. 42 Minutes</p> <hr/> <p>XAVC-L HD 50 59.94i/29.97p/50i/25p/23.98p/59.94p/50p When using QD-G128A (128 GB): Approx. 225 minutes When using QD-G64A (64 GB): Approx. 110 Minutes</p> <hr/> <p>XAVC-L HD 35 59.94i/29.97p/50i/25p/23.98p/59.94p/50p When using QD-G128A (128 GB): Approx. 305 minutes When using QD-G64A (64 GB): Approx. 150 Minutes</p> <hr/> <p>XAVC-L HD 25 59.94i/50i When using QD-G128A (128 GB): Approx. 410 minutes When using QD-G64A (64 GB): Approx. 200 Minutes</p>
Recording/Playback Time [MPEG-2 Long GOP]	<p>MPEG HD422 59.94i, 50i, 29.97P, 23.98P, 25P When using QD-G128A (128 GB): Approx. 220 minutes When using QD-G64A (64 GB): Approx. 105 Minutes</p>
Recording Format (Proxy Audio)	XAVC Proxy: AAC-LC, 128 kbps, 2 channels
Recording Format (Proxy Video)	XAVC Proxy: AVC/H.264 Main Profile 4.2:0 Long GOP, VBR 1920 x 1080, 9Mbps 1280 x 720, 9Mbps 1280 x 720, 6Mbps 640 x 360, 3Mbps

Lens

Lens Mount	E-mount
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Camera Section

Imaging Device (Type)	35 mm full-frame, single-chip CMOS image sensor
Imaging Device (Pixel Count)	20.5M pixels (Total)
Built-in Optical Filters	Clear, linear variable ND(1/4ND to 1/128ND)

ISO Sensitivity	ISO 800/4000 (Cine EI mode, D55 Light source)
S/N Ratio	57 dB (Y) (typical)
Shutter Speed	64F to 1/8000 sec
Slow and Quick Motion Function	FF 6K mode: XAVC-I/L 3840 x 2160, 1920 x 1080 1 to 30 frames (29.97/25/23.98)
	S35 4K mode: XAVC-I/L 3840 x 2160, 1920 x 1080 1 to 60 frames (59.94p, 50p, 29.97/25/23.98)
	FF 2K, S35 2K mode: XAVC-I/L 1920 x 1080 1 to 60, 100, 120 frames (59.94p, 50p, 29.97/25/23.98)
White Balance	Preset, Memory A, Memory B (2000K-15000K)/ATW
Gain	-3 to 18dB (every 1dB), AGC
Gamma Curve	S-Cinetone, STD1, STD2, STD3, STD4, STD5, STD6, HG1, HG2, HG3, HG4, HG7, HG8, S-Log3
Latitude	15+ stop

Input/Output

Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable Mic Reference: -30 to -80 dBu*
SDI Output	SDI OUT1: BNC, 12G-SDI, 3G-SDI (Level A/B), HD-SDI SDI OUT2: BNC, 3G-SDI (Level A/B), HD-SDI
USB	USB device, micro-B (x1)
Headphone Output	Stereo mini jack (x1) -16 dBu 16 Ω
Speaker Output	Monaural
DC Input	DC jack
Remote	Stereo mini-minijack (Φ2.5 mm)
HDMI Output	Type A (x1)
LCD	8.8 cm (3.5 type) Approx. 2.76M dots

Built-in Microphone

Built-in Microphone	Omni-directional monoral electret condenser microphone
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Media

Type	XQD Card slot (x2) SD/MS Card slot (x1) for saving configuration data SD card slot also can be used for proxy video recording
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Wi-Fi/NFC

Supported Format	IEEE 802.11 a/b/g/n/ac
Frequency Band	2.4 GHz bandwidth 5.2/5.3/5.6/5.8 GHz bandwidth* * Depending on country/regional regulation
Security	WEP/WPA-PSK/WPA2-PSK
NFC	NFC Forum Type 3 Tag compliant

Supplied Accessories

Supplied Accessories	Body Cap (1) Viewfinder (1) Eyepiece (1) Grip Remote Control (1) IS1293 power cord (2) ** AC Adapter BC-U1A battery charger (1) BP-U35 battery pack (1) Power cord (2) USB cable (1) Operating Guide (2) CD-ROM "Manuales for Solid-State Memory Camcorder" (1)
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** For India only. Not supplied in other countries