

Specifications

1 {0} model	Body Only (5.0GHz and 2.4GHz) ILME-FX6V
Summary	
General	
LENS MOUNT	E-mount
Size & Weight	
WEIGHT (MAIN UNIT ONLY) (APPROX.)	890g (1lb15oz)
WEIGHT (INCLUDING SUPPLIED ACCESSORIES) (APPROX.)	2.59kg(5lb11oz) (with Viewfinder, Grip Remote Control, BP-U35 battery, SEL24105G LENS, Lens Hood, Handle, MIC holder)
DIMENSIONS (W X H X D) (BODY WITHOUT PROTRUSIONS) (APPROX.)	114 x 116 x 153 mm(4 1/2 x 4 5/8 x 6 1/8 inch) (body without protrusions)
Power	
POWER REQUIREMENTS	DC 19.5V
POWER CONSUMPTION	Approx. 18.0 W (while recording XAVC-I QFHD 59.94p, SEL24105G Lens, Viewfinder ON, not using external device)
BATTERY OPERATING TIME	Approx. 105min. with BP-U35 battery (while recording XAVC-I QFHD 59.94p, SEL24105G Lens, Viewfinder ON, not using external device), Approx. 215min. with BP-U70 battery (while recording XAVC-I QFHD 59.94p, SEL24105G Lens, Viewfinder ON, not using external device)
Operation	
OPERATING TEMPERATURE	0°C to 40°C, 32°F to 104°F
STORAGE TEMPERATURE	-20°C to +60°C, -4°F to +140°F
Recording Format (Video)	
XAVC INTRA	XAVC-I DCI4K 59.94p mode:VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 50p mode:VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 29.97p mode:VBR, MAX bit rate 300 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 25p mode:VBR, MAX bit rate 250 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 24p mode:VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 23.98p mode:VBR, MAX bit rate 240 Mbps, MPEG-4 AVC/H.264, 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 29.97p mode:CBG,

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	MAX bit rate 111 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 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
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 29.97p/25p/23.98p/59.94p/50p mode:VBR, MAX bit rate 50 Mbps, MPEG-4 H.264/AVC, XAVC-L HD 29.97p/25p/23.98p/59.94p/50p mode:VBR, MAX bit rate 35 Mbps, MPEG-4 H.264/AVC
Recording Format (Audio)	
RECORDING FORMAT (AUDIO)	LPCM 24 bits, 48 kHz, 4 channels
Recording Frame Rate	
XAVC INTRA	XAVC-I DCI4K mode:4096 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P, 24P, XAVC-I QFHD mode:3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-I HD mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P
XAVC LONG	XAVC-L QFHD mode:3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-L HD 50 mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-L HD 35 mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P
Recording/ Playback Time	
XAVC INTRA	XAVC-I DCI4K/QFHD 59.94p When using CEA-G160T (160 GB):Approx. 30 minutes When using CEA-G80T (80 GB):Approx. 15 minutes, XAVC-I DCI4K/QFHD 50p When using CEA-G160T (160 GB):Approx. 36 minutes When using CEA-G80T (80 GB): Approx. 17 minutes, XAVC-I DCI4K/QFHD 29.97p When using CEA-G160T (160 GB):Approx. 60 minutes When using CEA-G80T (80 GB):Approx. 29 minutes, XAVC-I DCI4K/QFHD 25p When using CEA-G160T (160 GB):Approx. 71 minutes When using CEA-G80T (80 GB):Approx. 35 minutes, XAVC-I DCI4K 24p When using CEA-G160T (160 GB):Approx. 74 minutes When using CEA-G80T (80 GB):Approx. 36 minutes, XAVC-I DCI4K/QFHD 23.98p When using CEA-G160T (160 GB):Approx. 74 minutes When using CEA-G80T (80 GB):Approx. 36 minutes, XAVC-I HD 59.94p When using CEA-G160T (160 GB):Approx. 78 minutes When using CEA-G80T (80 GB):Approx. 38 minutes, XAVC-I HD 50p When using CEA-G160T (160 GB):Approx. 78 minutes When using CEA-G80T (80 GB):Approx. 38 minutes, XAVC-I HD 29.97p When using CEA-G160T (160 GB):Approx. 150 minutes When using CEA-G80T (80 GB):Approx. 74 minutes, XAVC-I HD 25p When using CEA-G160T (160 GB):Approx. 150 minutes When using CEA-G80T (80 GB):Approx. 74 minutes, XAVC-I HD 23.98p When using CEA-G160T (160 GB):Approx. 185 minutes When using CEA-G80T (80 GB):Approx. 91 minutes
XAVC LONG	XAVC-L QFHD 29.97p/25p/23.98p When using CEA-G160T (160 GB):Approx. 170 minutes When using CEA-G80T (80 GB):Approx. 86 minutes, XAVC-L QFHD 59.94p/50p When using CEA-G160T (160 GB):Approx. 115 minutes When using CEA-G80T (80 GB):Approx. 57 minutes, XAVC-L HD 50 /29.97p/25p/23.98p/59.94p/50p When using CEA-G160T (160 GB):Approx. 320 minutes When using CEA-G80T (80 GB):Approx. 155 minutes, XAVC-L HD 35 29.97p/25p/23.98p/59.94p/50p When using CEA-G160T (160 GB):Approx. 430 minutes When using CEA-G80T (80 GB):Approx. 210 minutes

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PROXY AUDIO	XAVC Proxy: AAC-LC, 128 kbps, 2 channels
PROXY VIDEO	XAVC Proxy: AVC/H.264 High Profile 4:2:0 Long GOP, VBR 1920x1080, 9Mbps
Camera Section	
SENSOR TYPE	35 mm full-frame, single-chip CMOS image sensor
PIXELS	Approx. 12.9 megapixels(total), Approx. 10.2 megapixels(effective)
BUILT-IN OPTICAL FILTERS	Clear, linear variable ND(1/4ND to 1/128ND)
SENSITIVITY	ISO 800/12800 (Cine EI mode, D55 Light source)
SIGNAL-TO-NOISE RATIO	delete
SHUTTER SPEED	64F to 1/8000 sec
Slow & Quick Motion	
XAVC-I	4096x2160, 1 to 60 frames (59.94/50/29.97/25/24/23.98)
XAVC-I/L	3840 x 2160, 1 to 60, 100, 120 frames (59.94/50/29.97/25/23.98), 1920 x 1080, 1 to 60, 100, 120, 150 ¹ , 180 ¹ , 200 ¹ , 240 ¹ frames (59.94/50/29.97/25/23.98)
White Balance	
WHITE-BALANCE MODES	Preset, Memory A, Memory B (2000K-15000K)/ATW
Exposure	
GAIN CONTROL	-3 to 30dB (every 1dB), AGC
Gamma	
GAMMA CURVE	SDR mode : S-Cinetone, Standard, Still, ITU709, 709tone HDR mode : HLG_Live, HLG_Natural
Latitude	
LATITUDE	15+ stop
Interface	
TC INPUT/TC OUTPUT	BNC, TC IN/OUT Switchable
AUDIO INPUT	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable, Mic Reference: -30 to -80 dBu

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SDI OUTPUT	SDI OUT: BNC, 12G-SDI, 6G-SDI, 3G-SDI(Level A/B)
USB	USB Type-C(x1), Multi/Micro-B (x1)
HEADPHONE OUTPUT	Stereo mini jack (x1), -16 dBu 16 Ω
SPEAKER OUTPUT	Monaural
HDMI OUTPUT	Type A (x1)
DC INPUT	DC jack
REMOTE	Stereo mini-minijack (Φ2.5 mm)
GRIP	Minijack(ø3.5mm / 4pin)
Media	
MEDIA TYPE	CF express Type A / SD card (x2), Slot B can be used for saving configuration data.
Monitoring	
LCD	8.8 cm (3.5 type), Approx. 2.76M dots
Built-in Microphone	
BUILT-IN MICROPHONE	Omni-directional monoral electret condenser microphone (body) (x1), Stereo electret condenser microphone (handle) (x1)
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
SECURITY	WEP/WPA-PSK/WPA2-PSK
NFC	NFC Forum Type 3 Tag compliant
Supplied Accessories	
SUPPLIED ACCESSORIES	Handle(1), LCD monitor(1), Grip remote control(1), AC Adaptor(1), Power cord(1), Battery charger(1), Battery pack(1), USB-C cable(1), LCD hood(1), Cold shoe kit(1), Lens mount cap(1), Handle connector cap(1), Before Using This Unit(1)

1 Number of effective pixels: 1420 x 802

- * Actual colour and dimension may differ from the screen image.
- * Colours & features of the product shown may differ by model and country.
- * 4K: 3,840 x 2,160 pixels.
- * Services availability depends on region. A part or whole of software/services installed into or accessible through the product may be changed, discontinued, removed, suspended, or terminated without notice.
- * Features and specifications are subject to change without prior notice.
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