

SONY

< CINEMA LINE FX6 CAMERA

FULL SPECIFICATIONS & FEATURES

Size & Weight	WEIGHT (MAIN UNIT ONLY) Approx 890g (1lb15oz) DIMENSIONS (W X H X D) (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) 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)
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
Power	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)	

Recording Format (Video)	<p>XAVC INTRA</p> <p>XAVC-I DCI4K 23.98p mode:VBR, MAX bit rate 240 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 25p mode:VBR, MAX bit rate 250 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 50p mode:VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264, XAVC-I DCI4K 59.94p mode:VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264, XAVC-I HD 23.98p mode:CBG, MAX bit rate 89Mbps, MPEG-4 AVC/H.264, XAVC-I HD 25p mode:CBG, MAX bit rate 112Mbps, MPEG-4 AVC/H.264, XAVC-I HD 29.97p mode:CBG, MAX bit rate 111 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 59.94p mode:CBG, MAX bit rate 222 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 QFHD 25p mode:VBR, MAX bit rate 250 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 50p mode:VBR, MAX bit rate 500 Mbps, MPEG-4 AVC/H.264, XAVC-I QFHD 59.94p mode:VBR, MAX bit rate 600 Mbps, MPEG-4 AVC/H.264</p>	<p>XAVC LONG</p> <p>XAVC-L HD 29.97p/25p/23.98p/59.94p/50p mode:VBR, MAX bit rate 35 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 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</p>
Recording Format (Audio)	<p>RECORDING FORMAT (AUDIO)</p> <p>LPCM 24 bits, 48 kHz, 4 channels</p>	
Recording Frame Rate	<p>XAVC INTRA</p> <p>XAVC-I DCI4K mode:4096 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P, 24P, XAVC-I HD mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-I QFHD mode:3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P</p>	<p>XAVC LONG</p> <p>XAVC-L HD 35 mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-L HD 50 mode:1920 x 1080/59.94P, 50P, 29.97P, 23.98P, 25P, XAVC-L QFHD mode:3840 x 2160/59.94P, 50P, 29.97P, 23.98P, 25P</p>

<p>Recording/Playback Time</p>	<p>XAVC INTRA</p> <p>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 DCI4K/QFHD 25p When using CEA-G160T (160 GB):Approx. 71 minutes When using CEA-G80T (80 GB):Approx. 35 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 50p When using CEA-G160T (160 GB):Approx. 36 minutes When using CEA-G80T (80 GB): Approx. 17 minutes, 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 24p When using CEA-G160T (160 GB):Approx. 74 minutes When using CEA-G80T (80 GB):Approx. 36 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-I HD 25p When using CEA-G160T (160 GB):Approx. 150 minutes When using CEA-G80T (80 GB):Approx. 74 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 50p When using CEA-G160T (160 GB):Approx. 78 minutes When using CEA-G80T (80 GB):Approx. 38 minutes, XAVC-I HD 59.94p When using CEA-G160T (160 GB):Approx. 78 minutes When using CEA-G80T (80 GB):Approx. 38 minutes</p> <p>XAVC LONG</p> <p>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, 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 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</p>	<p>PROXY AUDIO</p> <p>XAVC Proxy: AAC-LC, 128 kbps, 2 channels</p> <p>PROXY VIDEO</p> <p>XAVC Proxy: AVC/H.264 High Profile 4:2:0 Long GOP, VBR 1920x1080, 9Mbps</p>
<p>Lens</p>	<p>LENS MOUNT</p> <p>E-mount</p>	

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) SHUTTER SPEED 64F to 1/8000 sec
Slow and quick motion	XAVC-I 1 to 60 frames (59.94/50/29.97/25/24/23.98), 4096x2160	XAVC-I/L 1920 x 1080, 1 to 60, 100, 120, 150, 180, 200, 240 frames (59.94/50/29.97/25/23.98), 1 to 60, 100, 120 frames (59.94/50/29.97/25/23.98), 3840 x 2160
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, HDR mode : HLG_Live, HLG_Natural	
Latitude	LATITUDE 15+ stop	

Interface	<p>TC INPUT/TC OUTPUT BNC, TC IN/OUT Switchable</p> <p>AUDIO INPUT Mic Reference: -30 to -80 dBu, XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable</p> <p>SDI OUTPUT SDI OUT: BNC, 12G-SDI, 6G-SDI, 3G-SDI(Level A/B)</p> <p>USB USB Type-C(x1), Multi/Micro-B (x1)</p> <p>HEADPHONE OUTPUT -16 dBu 16 Ω, Stereo mini jack (x1)</p>	<p>SPEAKER OUTPUT Monaural</p> <p>DC INPUT DC jack</p> <p>REMOTE Stereo mini-minijack (Φ2.5 mm)</p> <p>HDMI OUTPUT Type A (x1)</p> <p>GRIP Minijack(φ3.5mm / 4pin)</p>
Monitoring	<p>LCD 8.8 cm (3.5 type), Approx. 2.76M dots</p>	
Built-in Microphone	<p>BUILT-IN MICROPHONE Omni-directional monoral electret condenser microphone (body) (x1), Stereo electret condenser microphone (handle) (x1)</p>	
Media	<p>MEDIA TYPE CF express Type A / SD card (x2), Slot B can be used for saving configuration data.</p>	
Wi-Fi/NFC	<p>SUPPORTED FORMAT IEEE 802.11 a/b/g/n/ac</p> <p>FREQUENCY BAND 2.4 GHz bandwidth, 5.2/5.3/5.6/5.8 GHz bandwidth</p>	<p>SECURITY WEP/WPA-PSK/WPA2-PSK</p> <p>NFC NFC Forum Type 3 Tag compliant</p>
Supplied Accessories	<p>SUPPLIED ACCESSORIES AC Adaptor(1), Battery charger(1), Battery pack(1), Before Using This Unit(1), Cold shoe kit(1), Grip remote control(1), Handle(1), Handle connector cap(1), LCD hood(1), LCD monitor(1), Lens mount cap(1), Power cord(1), USB-C cable (1)</p>	