

Sony F3

Specifications :

Camera Section Specifications	Detail:
Built-in Optical Filters	OFF: Clear, 1: 1/8ND, 2: 1/64ND
Gain	-3, 0, 3, 6, 9, 12, 18 dB, AGC
Imaging Device	Exmor Super 35mm equivalent CMOS
S/N Ratio	63 dB (Y) (Typical)
Sensitivity (2000 lx, 89.9% reflectance)	T11 ISO800 (Typical)
Shutter Speed (Time)	1/32 to 1/2000 sec.
Slow Shutter	2 to 8 frames
White Balance	Preset (3,200 K), Memory A, Memory B/ATW
General Specifications	Detail:
Battery Operating Time	Approx. 130 min (HD-SDI Dual Link ON, w/BP-U60) Approx. 170 min (HD-SDI Dual Link OFF, w/BP-U60)
Built-in Microphone	None
Dimensions (W x H x D)	151 x 189 x 210 mm (6 x 7 1/2 x 8 3/8 inches)
Mass	Approx. 2.4 kg (5 lb 4.7 oz) without accessories
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Power Consumption	Approx. 18 W (Typical) (HD-SDI Dual-Link OFF, VF ON, LCD monitor OFF) Max. 24 W (Typical) (HD-SDI Dual-Link ON, VF ON, LCD monitor ON)
Power Requirements	DC 12 V (11.0 V to 17.0 V)
Recording Format	Video: HD HQ Mode: MPEG-2 MP@HL, 35 Mbps / VBR HD SP Mode: MPEG-2 MP@H-14, 25 Mbps / CBR: Audio: LPCM (16 bits, 48 kHz, 2 channels)
Recording Frame Rate	HD HQ Mode: 1920 × 1080/59.94i, 50i, 29.97P, 25P, 23.98P; 1440 × 1080/59.94P, 50P, 29.97P, 25P, 23.98P; 1280 × 720/59.94P, 50P, 29.97P, 25P, 23.98P HD SP Mode: 1440 × 1080 /59.94i, 50i (23.98P is converted to 59.94i in 2-3 pulldown processing).
Recording/Playback Time	HQ Mode: Approx. 100 min with SBP-32 (32 GB) memory card Approx. 50 min with SBP-16 (16 GB) memory card Approx. 25 min with SBP-8 (8 GB) memory card SP Mode: Approx. 140 min with SBP-32 (32 GB) memory card Approx. 70 min with SBP-16 (16 GB) memory card
Storage Temperature	-20 °C to +60 °C (-4°F to +140 °F)

Inputs/Outputs Specifications	Detail:
Audio Input	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable
Audio Output	RCA phono jacks (x2), -10 dBu (47k Ω load, reference level)
Composite Output	BNC type (x1), 1.0 V _{p-p} , 75 Ω , HD-Y or analog composite signal
DC Input	XLR-type 4-pin
DC Output	N/A
EXT 50-pin	N/A
Genlock Input	BNC (x1)
HDMI Output	A-type (x1)
Headphone Output	Stereo mini jack (x1), -18 dBu (reference level output, 16 Ω load)
MIC	XLR-type 3-pin (female) (x2), line/mic/mic +48 V selectable
Remote	8-pin
SDI Output	BNC
Timecode Input	BNC (x1)
Timecode Output	BNC (x1)
USB	Mini-B/USB2.0 Hi-Speed (x1)
i.LINK	i.LINK, IEEE1394, 4-pin connector (x1), S400
Lens Specifications	Detail:
Filter Diameter	All included Sony PL lenses = 95mm
Focal Length	PMW-F3K includes a 35, 50, and 85mm fixed focal length lens
Focus	Manual
Iris	Manual, T2.0 to C (close) (All PMW-F3K Sony PL Lenses)
Lens Mount	PL mount (with supplied lens mount adapter)
Monitoring Specifications	Detail:
Built-in LCD Monitor	8.8 cm diagonal (3.5-inch) color LCD, 16:9 Aspect ratio, Picture size 640 (H) \times 3 (RGB) \times 480 (V) delta sequence, Hybrid (semi-transmissive) type
Viewfinder	1.148 cm diagonal (0.452-inch), 16:9 Aspect ratio, 852 (H) \times 480 (V) Picture elements