



Leap into the world of film-making

- Brand new Back-illuminated APS-C Exmor R™ CMOS sensor
- Dual Base ISO (800/2500), and a 14+ stop for a wide latitude
- Flexible motion with up to 4K (QFHD) 120p recording with autofocus
- XAVC HS 4:2:2 10-bit internal recording, 4K 16-bit RAW output full HDMI terminal



MODEL	EAN	SRP
ILME-FX30	4548736141841	\$3,699
ILME-FX30B	4548736143227	\$2,999

UPGRADES & SECONDARY FEATURES

- Dual base ISO of 800 and 2500
- Native ISO of 100-32000
- 495 Phase-detect AF points with 90% coverage
- Fast Hybrid Autofocus with Real-Time Eye autofocus tracking
- Subject AF tracking for Human, Animals and Birds
- 4K (QFHD) video recording up to 120FPS
- Full HD video recording up to 240FPS
- 14+ stops dynamic latitude in S-Log3
- S-Cinetone colour profile
- 4K 60p 16-bit RAW output supported via HDMI
- Dimensions (WxHxD)mm: 129.7x77.8x84.5
- Weight (body only): 646g

Advanced performance for a cinematic look

The ILME-FX30 is paired with an all new back-illuminated APS-C Exmor R™ CMOS sensor (Super 35mm format), delivering exceptional results with high sensitivity, low noise, and wide dynamic latitude. The 6K oversampled image compresses a vast amount of information into 4K (QFHD: 3840 x 2160) output, delivering 4K movies with overwhelming resolution. The image sensor maximizes light collection efficiency so that clear, usable images can be captured even in challenging low light. Standard ISO sensitivity is 100 to 32000, and latitude is an impressively wide 14+ stops when recording in S-Log3 gamma.



Log recording for smooth cinematic color grading

The S-Log3 gamma curve provided in the FX30 has been designed with an emphasis on smooth gradations that make it easier to achieve cinematic image quality when colour grading in post production. S-Log3 and S-Gamut3.Cine not only offer high-quality color reproduction over a wide latitude, but also facilitate colour matching with footage from other Cinema Line cameras. To bring out the best in footage shot with the FX30, special care has been taken to adjust the camera's output to ensure that the highest image quality can be easily achieved during post processing.





Recording formats that facilitate visual expression

Capable of capturing 10-bit 4:2:2 video internally when using Long GOP or All Intra compression, the FX30 makes it possible to grade for fuller, more natural gradations while generally providing greater editing freedom. Additionally, the FX30 supports the XAVC HS format recording, using the MPEG-H HEVC/H.265 codec roughly doubles the compression efficiency. Compared to a normal 4K XAVC S format, XAVC HS format allows for detailed 10-bit video with 4:2:2 colour sampling at comparable or lower data rates.



Compact and lightweight form factor

The FX30 body is just 77.8 mm high, 129.7 mm wide, and 84.5 mm deep, excluding protrusions. It weighs just 646 grams with battery and memory card or 951 grams with XLR handle unit, and features a distinctive flat-top design that is suitable not only for handheld shooting, but for gimbal mounting. The camera grip has been designed to provide optimum flexibility, stability, and comfort for extended handheld shooting sessions.



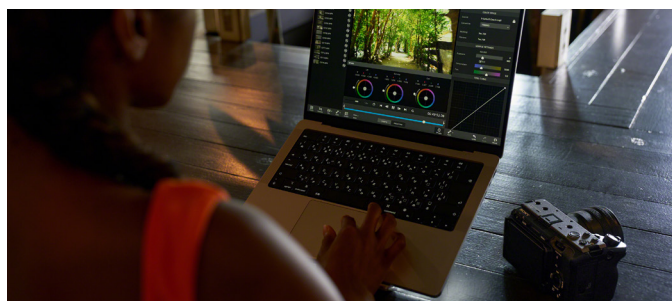
Flexible operability with redesigned menu

It is possible to access frame rates, shutter speed, change LUTs, adjust focus modes, and other essential shooting parameters via a list-style Main menu. The Main menu display can be assigned to a custom button so that parameters can be quickly checked and edited as needed prior to shooting. Separate Main menus optimized for movies and stills are provided.



Import user LUTs for ultimate creator control

When recording with the S-Log3 gamma curve, the low-contrast image displayed on the monitor can make it difficult to judge how the final image will look. The FX30 allows custom LUTs to be applied to the LCD monitor and HDMI output, providing a more accurate preview of the final image. User LUTs can be applied to the LCD monitor and HDMI output while recording, or embedded in clips to facilitate post-production processing. The FX30 even includes a new s709 preview LUT that can provide a more cinematic.



Advanced Autofocus for movie makers

Wide-area autofocus with intelligent tracking uses focal-plane phase-detection for tenacious subject tracking across almost the entire frame. Tracking features keep the subject in steady focus so the user can concentrate on composition. Real-time Eye AF ensures precise focus on the face and eyes (human, animal, or bird), while Real-time Tracking provides reliable tracking thanks to Sony's unique AI-based subject recognition algorithms. Stable AF and flexible focusing are available for a wide range of shooting situations. Improved tracking is achieved when shooting at high frame rates such as 120p.

Additionally detailed AF settings are capable through AF Transition Speed and AF Subject Shift Sensitivity. These parameters allow for more detailed AF control. AF Transition Speed is ideal for creating rack focus effects to effectively guide the viewers' eye. AF Subject Shift Sensitivity determines how "sticky" AF will be. Both parameters can be assigned to custom keys for fast access while shooting.





FX30

Main Specifications

SENSOR	Type	APS-C type (23.3 x 15.5 mm), Exmor R CMOS sensor
	No. of pixels (effective)	Movie: Approx. 20.1 megapixels, Still image: Approx. 26.0 megapixels
	No. pixels (total)	Approx. 27.0 megapixels
LENS	Lens Mount	E-Mount
MEDIA	Type	CFexpress Type A / SD card (x2), Simult. Rec, Sort, Auto Switch Media, Copy
WHITE BALANCE	WB Modes	Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent / Underwater / Color Temperature (2500 to 9900K) & color filter / Custom
EXPOSURE CONTROL	Metering sensitivity	EV-3 to EV20 (at ISO100 equivalent with F2.0 lens attached)
	Exposure Modes	[Movie] Programmed AE (P) / Aperture priority (A) / Shutter priority (S) / Manual Exposure (M) / Flexible Exp. Mode [Still images] Intelligent Auto (Auto) / Program Auto (P) / Aperture priority (A) / Shutter priority (S) / Manual Exposure (M)
	ISO Range	[Movie] ISO 100-32000 equivalent, AUTO (ISO 100-6400, selectable lower limit and upper limit), [Still image] ISO 100-32000 (Expandable to ISO 50- 102400), AUTO (ISO 100-6400, selectable lower limit and upper limit)*3
	Shutter Speed	[Movie] 1/8000 to 1/4 (1/3 steps), up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode), [Still image] 1/8000 to 30 sec
FOCUS SYSTEM	Type	Fast Hybrid AF (phase-detection AF / contrast-detection AF)
	Focus point	[Movie] 495 points (phase-detection AF), [Still image] 759 points (phase-detection AF)
	Sensitivity range	EV-3 to EV20 (ISO100 equivalent with F2.0 lens attached)
	Focus mode	[Movie] AF-C (Continuous AF), Manual Focus [Still image] AF-A (Automatic AF), AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus
	Focus area	[Movie] Wide / Zone / Center Fix / Spot / Expand Spot [Still image] Wide / Zone / Center Fix / Spot / Expand Spot / Tracking
	Other focus features	Eye AF ([Movie] Human (Right/Left Eye Select) / Animal (Right/Left Eye Select) / Bird), ([Still images] Human (Right/Left Eye Select) / Animal (Right/Left Eye Select) / Bird) [Movie] AF Transition Speed; [Movie] AF Subj. Shift Sensitivity [Still] AF Tracking Sensitivity Face detection (Face/Eye Prior. in AF), Face Priority in Multi Metering, Regist. Faces Priority, Focus Magnifier (APS-C: 6.1x / 12.1x)
IMAGE STABILISATION	Type	Image Sensor-Shift mechanism with 5-axis compensation (Compensation depends on lens specifications)
	Mode	[Movie] Active / Standard / Off, [Still image] On / Off
	Compensation Effect (still images)	5.5 stops (based on CIPA standard. Pitch/yaw shake only. With Planar T* FE 50mm F1.4 ZA lens mounted.)
CONNECTIVITY	Supported Format	IEEE 802.11a/b/g/n/ac
	Frequency Band	2.4 GHz band/5 GHz band
	Security	WEP/WPA-PSK/WPA2-PSK
	NFC	—
	Bluetooth	Bluetooth Standard Ver. 5.0 (2.4 GHz band))
	FTP Transfer	Wired LAN (USB-LAN), USB Tethering, Wi-Fi
STILL IMAGE FUNCTION	Shutter	Electronic shutter
	Drive modes	Single Shooting, Self-timer, Self-timer (Cont.), Bracket: Single, Bracket: Cont., White Balance bracket, DRO bracket
	Noise reduction	High ISO NR: Normal / Low / Off
	Other still image function	Electronic Front Shutter Curtain, Silent Shooting, Anti-flicker Set
RECORDING SYSTEM (STILLS)	Recording format	JPEG (DCF Ver. 2.0, Exif Ver. 2.32, MPF Baseline compliant), HEIF (MPEG-A MIAF compliant), RAW (Sony ARW 4.0 format compliant)
	Image size (pixels) [3:2]	L: 6192 x 4128 (26M), M: 4384 x 2920 (13M), S: 3104 x 2064 (6.4M)
	Image size (pixels) [4:3]	L: 5504 x 4128 (23M), M: 3888 x 2920 (11M), S: 2752 x 2064 (5.7M)
	Image size (pixels) [16:9]	L: 6192 x 3480 (22M), M: 4384 x 2464 (11M), S: 3104 x 1744 (5.4M)
	Image size (pixels) [1:1]	L: 4128 x 4128 (17M), M: 2912 x 2912 (8.5M), S: 2064 x 2064 (4.3M)



Main Specifications

RECORDING SYSTEM (MOVIE)	Recording Format	XAVC S, XAVC HS, XAVC HS	
	Recording Format (Video)	XAVC S-I: 4K 59.94p, 600 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I 4K 50p, 500 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I 4K 29.97p, 300 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I 4K 25p, 250 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I 4K 23.98p, 240 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I HD 59.94p, 222 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I HD 50p, 185 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I HD 29.97p, 111 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I HD 25p, 93 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S-I HD 23.98p, 89 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S 4K 59.94p/50p, 200 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S 4K 59.94p/50p, 150 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S 4K 29.97p/25p, 140 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S 4K 23.98p, 100 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S 4K 29.97p/25p/23.98p, 100 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S 4K 119.88p/100p, 280 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S 4K 119.88p/100p, 200 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S HD 59.94p/50p/29.97p/25p/23.98p, 50 Mbps 4:2:2 10 bit, MPEG-4 AVC / H.264; XAVC S HD 59.94p/50p/29.97p/25p/23.98p, 50 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S HD 59.94p/50p, 25 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC HD 29.97p/25p, 16 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S HD 119.88p/100p, 100 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264; XAVC S HD 119.88p/100p, 60 Mbps 4:2:0 8 bit, MPEG-4 AVC / H.264. [XAVC HS] XAVC HS 4K 59.94p/50p, 200 Mbps 4:2:2 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 59.94p/50p, 150 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 59.94p/50p/23.98p, 100 Mbps 4:2:2 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 59.94p/50p, 75 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 59.94p/50p, 45 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 23.98p, 100 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 23.98p, 50 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 23.98p 30 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 119.88p/100p, 280 Mbps 4:2:2 10 bit, MPEG-H HEVC / H.265; XAVC HS 4K 119.88p/100p, 200 Mbps 4:2:0 10 bit, MPEG-H HEVC / H.265	
	Recording Frame Rate	[XAVC S-I 4K] 3840x2160/59.94p, 50p, 29.97p, 25p, 23.98p; [XAVC S-I HD] 1920x1080/59.94p, 50p, 29.97p, 25p, 23.98p; [XAVC S 4K] 3840x2160/119.88p,100p,59.94p, 50p, 29.97p, 25p, 23.98p; [XAVC S HD] 1920x1080/119.88p,100p,59.94p, 50p, 29.97p, 25p, 23.98p; [XAVC HS 4K] 3840x2160/119.88p,100p,59.94p, 50p, 23.98p	
	RAW Output	HDMI: 4672 x 2628 (59.94p, 50p, 29.97p, 25p, 23.98p), 16bit	
	Recording Format (Audio)	LPCM 2 ch(48 kHz 16 bit), LPCM 2 ch(48 kHz 24 bit) , LPCM 4 ch(48 kHz 24 bit)	
	Slow & Quick Format	[XAVC S-I 4K / XAVC S 4K / XAVC HS 4K] NTSC mode: 1fps, 2fps, 4fps, 8fps, 15fps, 30fps, 60fps, 120fps, PAL mode: 1fps, 2fps, 3fps, 6fps, 12fps, 25fps, 50fps, 100fps; [XAVC S-I HD / XAVC S HD]NTSC mode: 1fps, 2fps, 4fps, 8fps, 15fps, 30fps, 60fps, 120fps, 240fps, PAL mode: 1fps, 2fps, 3fps, 6fps, 12fps, 25fps, 50fps, 100fps, 200fps	
	(S&Q) Frame Rate	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	
	Gamma Curve	Off / PP1-PP6 / PP10-PP11, Parameters: Black level, Gamma (Movie, Still, S-Cinetone, Cine1-4, ITU709, ITU709 [800%]), S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset	
	Latitude	14+ stop (S-Log3)	
ZOOM	Zoom Function	Clear Image Zoom ([Movie] Approx. 1.5x (4K), Approx. 2x (HD) [Still image] L: Approx. 2x, M: Approx. 2.8x, S: Approx. 4x) Digital zoom ([Movie] Approx. 4x [Still image] L: Approx. 4x, M: Aapprox. 5.7x, S: Approx. 8x), Smart zoom ([Still image] M: Approx. 1.4x, S: Approx. 2x)	
	Audio Input	3.5 mm Stereo minijack, XLR handle: [INPUT1][INPUT2] XLR/TRS-type 3-pin(female) (x2), line/mic/mic +48 V selectable, Mic Reference -40 to -60 dBu / [INPUT3] 3.5 mm Stereo minijack	
	USB Terminal	USB Type-C® (x1, SuperSpeed USB 10 Gbps (USB 3.2) compatible), Multi/Micro USB (x1)	
INTERFACE	Headphone Output	3.5 mm Stereo minijack	
	Speaker Output	Built-in, monaural	
	HDMI Output	HDMI connector (Type-A); YCbCr 4:2:2 10 bit / RGB 8 bit	
	TC Input/TC Output	Multi/Micro USB, TC IN	
	Multi Interface Shoe	With Digital Audio Interface	
	MONITORING	LCD	7.5 cm (3.0-type), Approx. 2.36M dots, touch panel Opening Angle: Approx. 176 °, Rotation Angle:Approx. 270 °
	BUILT-IN MICROPHONE	Built-in Microphone	Built-in, stereo
CONSTRUCTION	Dimensions	129.7 mm x 77.8 mm x 84.5 mm (body without protrusions)	
	Weight	646 g (with battery and memory card included), 951 g (with XLR Handle, battery and memory card included)	
INCLUDED	Box Contents	Rechargeable Battery NP-FZ100; AC adapter; XLR handle unit; Body cap; Accessory shoe cap; Handle shoe cap; USB-A to USB-C cable (USB 3.2)	