## **ILCE-7SM3**

### Sony Interchangeable Lens Camera with Pro Movie/Still Capability



# $\alpha$ 75 $\pi$



### Key benefits:

#### New Exmor R™ CMOS Sensor

The newly developed back-illuminated full-frame Exmor R™ CMOS sensor, with 12.1 effective megapixels, boasts a readout speed up to twice as fast as that of the  $\alpha$ 7SM2, along with high sensitivity and wide dynamic range.

#### **New Image-Processing Engine**

The BIONZ XR™ image-processing engine boasts a performance level up to eight times that of the previous processor, minimising latency while markedly improving real-time processing capabilities for both movies and stills.

#### **High Sensitivity**

The full-frame 12.1-megapixel configuration enables high sensitivity with low noise throughout the camera's sensitivity range by optimising the output signal from the sensor. The standard ISO range is 80-102400, which is expandable to 40-409600 (80-409600 for movies).

#### Full-Frame 4K Recording at 120p

Full-frame 4K recording at 120fps with autofocus is possible thanks to the highspeed readout capabilities of the new image sensor working in tandem with the newly developed, powerful BIONZ XR™ processor. This high image-quality 4K, with full-pixel readout without binning, allows for clear post-produced slow motion, as well as bokeh effects, all with smooth, high-precision autofocus.

#### 4K Internal Recording

The camera is capable of performing 4K internal recording with 10-bit depth and 4:2:2 colour sampling when using either Long GOP or All Intra compression. This makes it possible to push your colour grades further, stretching video out for ultimate HDR realism while still retaining natural gradation.

#### Fast Hybrid Auto-Focus

Fast Hybrid AF combines focal plane phase-detection AF with contrast-detection AF. This results in highly precise, smooth tracking of fast-moving subjects even over a wide range with a shallow depth of field, taking full advantage of Sony E-mount lenses' smooth linear-motor focusing and power-zoom operations.

### Key features and technologies:



BIONZ XR OAF









ISO 40-409600









### **Ticket suggestion:**

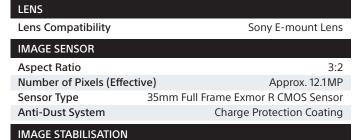
#### SONY ILCE-7SM3

- Newly Developed Exmor R™ **CMOS Sensor**
- BIONZ XR™ Image Processor
- 4K Movie Recording
- Real-time Eye Auto-Focus
- Up to 10 fps

### SONY

# **ILCE-7SM3**

### **Specifications:**



Type Image Sensor-Shift Mechanism with 5-axis Compensation

JPEG, RAW, HEIF
35mm F/F Large: 4240 x 2832 (12M)
35mm F/F Large: 4240 x 2384 (10M)
-
Off, Dynamic Range Optimiser

RECORDING (MOVIE)	
Recording Format	XAVC S, XAVC HS
Picture Effects	-
XAVC HS 4K	3840 x 2160 (4:2:0, 10bit, NTSC)
XAVC S HD	1920 x 1080 (4:2:0, 10bit, NTSC)
Slow Motion / Quick Motion	Yes / Yes
Movie Functions	Yes

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Location Info Link from SmartphoneYesMediaSD/SDHC/SDXC Memory Card, CFexpress Type A Memory CardMemory Card SlotsMulti SD Slot x2, Memory/CFexpress Card

FOCUS	
Focus Type	Fast Hybrid AF (Phase/Contrast-detection AF)
Focus Point	759 Points (Phase-detection AF)
Sensitivity Range	EV-6 - EV20 (ISO100 with F2.0 Lens attached)
Eye AF	Yes
AF Illuminator	Yes (with Built-in LED type)

EXPOSURE	
Exposure Modes	Yes
Anti-Flicker Shoot	Yes
Scene Selection	-
AE Lock Button	On/Off/Auto
VIEWFINDER	

Magnification	Approx. 0.90 (with 50mm Lens at Infinity)
Field Coverage	100%
Number of Dots	9,437,184
Brightness Contro	Auto/Manual (5 Steps between -2 and +2
Viewfinder Type	1.6cm (0.64 type) Electronic Viewfinder (Colour)

DRIVE	
Drive Modes	Yes
Continuous Drive Speed (Approx. Max.)	10 fps
FE Level Lock	-
Self Timer	10 sec. / 5 sec. / 2 sec.



7.5cm (3.0-type) Type TFT
Yes
Manual (5 Steps), Sunny Weather Mode
Opening 176 Degrees, Rotation 270 Degrees
1,440,000 Dots
Yes (35mm F/F: 2.1x / 4.1x, APS-C: 1.5x / 3.0x)

#### SHUTTER

Type Electronically Controlled, Vertical-traverse, Focal-plane
Shutter Speed - Stills / Movies 1/8000 to 30 sec. / 1/8000 to 1/4
Flash Sync. Speed 1/250 sec.
Electronic Front Curtain Shutter On/Off
Silent Shooting 0n/Off

FLASH	
Control	Pre-flash TTL
FE Level Lock	Yes
Flash Modes	Off, Autoflash, Fill-flash, Slow Sync, Rear Sync,
Red-Eye Reduction	on (On/Off selectable), Wireless, Hi-Speed Sync
Wireless Control	Yes

INTERFACE	
Multi / Micro USB Terminal	Type-C
USB Type-C Terminal	Superspeed USB
NFC	-
Vertical Grip Connector	Yes
Headphone Terminal	3.5mm Stereo Mini-jack
Bluetooth Version	5.0 (2.4 GHz Band)

BATTERY LIFE	
Stills	Approx. 510 Shots (Viewfinder), 600 Shots (Monitor)
Movie (Cont. Rec.)	Approx. 130 mins. (Viewfinder), 135 mins. (Monitor)

OTHER FEATURES	
Noise Reduction	Yes
White Balance	Yes
Photo Capture	Yes
Built-in Stereo Mic	Yes
Face Detection	Yes
Clear Image Zoom	Yes
Speaker	Built-in, Monaural
USB Power Supply	USB Type-C Terminal

DIMENSIONS AND WEIGHT	
Dimensions (W x H x D)	128.9 x 96.9 x 80.8 (mm)
Weight	Approx. 699g
WHAT'S IN THE BOX?	
Rechargeable Battery	Yes (NP-FZ100)
Battery Charger	Yes (BC-QZ1)
Power Cord	Yes
Cable Protector	Yes
Shoulder Strap	Yes
Accessory Shoe Cap / Body Cap	Yes / Yes
Evepiece Cup	Yes

USB-A to USB-C cable (USB 3.2)

**USB** Cable