

# SONY

## ILCE-7SM3

Sony Interchangeable Lens Camera with Pro Movie/Still Capability

# α7s III



### 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 α7SM2, 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 high-speed 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:

Exmor R™ CMOS Sensor BIONZ XR AF

4:2:2  
RECORDING



ISO 40-409600

5-axis  
SteadyShot  
INSIDE

10fps

USB-C



Ticket suggestion:

ILCE-7SM3

SONY

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

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### Specifications:

#### LENS

Lens Compatibility Sony E-mount Lens

#### IMAGE SENSOR

Aspect Ratio 3:2  
Number of Pixels (Effective) Approx. 12.1MP  
Sensor Type 35mm Full Frame Exmor R CMOS Sensor  
Anti-Dust System Charge Protection Coating

#### IMAGE STABILISATION

Type Image Sensor-Shift Mechanism with 5-axis Compensation

#### RECORDING (STILLS)

Recording Format JPEG, RAW, HEIF  
Image Size Pixels (3:2) 35mm F/F Large: 4240 x 2832 (12M)  
Image Size Pixels (16:9) 35mm F/F Large: 4240 x 2384 (10M)  
Picture Effects -  
Dynamic Range Functions 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

#### RECORDING SYSTEM

Location Info Link from Smartphone Yes  
Media SD/SDHC/SDXC Memory Card, CFexpress Type A Memory Card  
Memory Card Slots Multi 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

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

#### DRIVE

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

#### LCD SCREEN

Monitor Type 7.5cm (3.0-type) Type TFT  
Touch Panel Yes  
Brightness Control Manual (5 Steps), Sunny Weather Mode  
Adjustable Angle Opening 176 Degrees, Rotation 270 Degrees  
Number of Dots 1,440,000 Dots  
Focus Magnifier 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 On/Off

#### FLASH

Control Pre-flash TTL  
FE Level Lock Yes  
Flash Modes Off, Autoflash, Fill-flash, Slow Sync, Rear Sync, Red-Eye Reduction (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  
Eyepiece Cup Yes  
USB Cable USB-A to USB-C cable (USB 3.2)