

SONY

ILCE-9

Sony Interchangeable Lens Camera with Full-Frame Stacked CMOS Sensor

α9



Key benefits:

Full-Frame Stacked CMOS Sensor

The α9 mirrorless camera delivers next-generation high-speed performance far exceeding SLRs. It's equipped with the world's first 35mm stacked CMOS image sensor with integral memory for 20 times faster overall readout speed.

20fps Continuous Shooting

A combination of groundbreaking high-speed full-frame Exmor RS™ CMOS sensor and high-speed BIONZ X™ processor enables 20fps continuous shooting without a break for as many as 362 shots.

High-speed BIONZ X™ Image Processing Engine

BIONZ X™ image processing engine is optimised for speed to reliably capture fast-moving subjects and realise continuous shooting of up to 20fps.

AI-based Real-time Tracking

Once the subject to be tracked has been specified, precise focus is automatically maintained while the shutter button is half-pressed to provide framing flexibility and allow you to concentrate on composition.

Fast Shutter Release

The α9's high speed silent shutter system that is fully digital achieves speeds up to 1/32000 seconds, exceeding the limits of mechanical systems.

5-axis Image Stabilisation

The body-integrated image stabilisation system is fine-tuned to compensate accurately for 5-axis camera shake that can compromise handheld shooting. This gives you extremely high performance in both stills and movies, whether you're shooting at longer focal lengths, in close-ups, or at night.

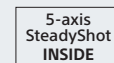
Remarkable Phase and Contrast-detection AF Points

A total of 693 phase-detection points (covering approximately 93% of the image area) is now augmented by 425 contrast-detection AF points (expanded from 25), to ensure highly accurate subject detection even under poor lighting conditions, which is where contrast-detection AF is most effective.

Key features and technologies:

Exmor RS™ CMOS Sensor BIONZ X AF

24.2MP 4K ISO 100-51200



20fps



Ticket suggestion:

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- 24.2MP Exmor RS™ CMOS Sensor
- BIONZ X™ Image Processor
- Ultra-fast Shutter Release
- 4K Movie Recording
- 5-axis Image Stabilisation
- Up to 20fps

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Specifications:

LENS	
Lens Compatibility	Sony E-mount Lens
IMAGE SENSOR	
Aspect Ratio	3:2
Number of Pixels (Effective)	Approx. 24.2MP
Sensor Type	35mm Full Frame Exmor RS 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
Image Size Pixels (3:2)	35mm F/F Large: 6000 x 4000 (24M)
Image Size Pixels (16:9)	35mm F/F Large: 6000 x 3376 (20M)
Picture Effects	8 Types
Dynamic Range Functions	Off, Dynamic Range Optimiser
RECORDING (MOVIE)	
Recording Format	XAVC S, AVCHD Format v2.0
Picture Effects	Yes
Image Size Pixels (NTSC)	XAVC 4K: 3840 x 2160 (30p, 100M)
Image Size Pixels (PAL)	XAVC 4K: 3840 x 2160 (25p, 100M)
Slow Motion / Quick Motion	Yes / Yes
Movie Functions	Yes
RECORDING SYSTEM	
Location Info Link from Smartphone	Yes
Media	Memory Stick PRO Duo/Micro, SD Memory Card, Micro SD
Memory Card Slots	1x SD, 1x MSD
FOCUS	
Focus Type	Fast Hybrid AF (Phase/Contrast-detection AF)
Focus Point	35mm F/F: 693 Points (Phase-detection AF)
Sensitivity Range	EV-3 - 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	-
Scene Selection	-
AE Lock Button	On/Off/Auto
VIEWFINDER	
Viewfinder Type	1.3cm (0.5 type) Elec. Viewfinder, Quad-VGA OLED
Brightness Control	Auto/Manual (5 Steps between -2 and +2)
Number of Dots	3,686,400
Field Coverage	100%
Magnification	Approx. 0.78 (with 50mm Lens at Infinity)
DRIVE	
Drive Modes	Yes
Continuous Drive Speed (Approx. Max.)	20fps
Pixel Shift Multi-Shooting	-
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	Up (107 Degrees), Down (41 Degrees)
Number of Dots	1,440,000 Dots
Focus Magnifier	35mm F/F: 4.7x, 9.4x, APS-C: 3.1x, 6.2x
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	Yes
Wireless LAN (Built-in)	Yes
Bluetooth Version / NFC	4.1 (2.4GHz Band) / Yes
Vertical Grip Connector	Yes
Headphone Terminal	3.5mm Stereo Mini-jack
BATTERY LIFE	
Stills	Approx. 480 Shots (Viewfinder), 650 Shots (Monitor)
Movie (Cont. Rec.)	Approx. 185 mins. (Viewfinder), 195 mins. (Monitor)
OTHER FEATURES	
Noise Reduction	Yes
White Balance	Yes
Photo Capture	Yes
Built-in Stereo Mic	Yes
Face Detection	Yes
Touch Focus	Yes
Clear Image Zoom	Yes
Speaker	Built-in, Monaural
USB Power Supply	Yes
DIMENSIONS AND WEIGHT	
Dimensions (W x H x D)	126.9 x 95.6 x 63.0 (mm)
Weight	Approx. 588g
WHAT'S IN THE BOX?	
Power Cord	Yes
Rechargeable Battery	Yes (NP-FZ100)
Cable Protector	Yes
Battery Charger	Yes (BC-QZ1)
Shoulder Strap	Yes
Accessory Shoe Cap / Body Cap	Yes / Yes
Eyepiece Cup	Yes
Micro USB Cable / AC Adaptor	Yes / Yes (AC-UUE12)