

SONY

ILCE-7C

Sony Compact Full Frame Interchangeable Lens Camera

α7C



Key benefits:

Available in black or silver/black

The World's Smallest and Lightest Full-Frame System

Without compromising the performance of a full-frame camera, the component layout, body structure and internal mechanisms are all thoroughly reimagined. Operability has been optimised within a body that is approximately 19% smaller in volume and 22% lighter than the α7M3, at only 509 grams.

35mm Full-Frame Image Sensor

By capturing significantly more light, the camera's full frame sensor opens up new creative possibilities - even in dimly lit situations - through wider dynamic range, less noise, and higher perceived resolution. Deep bokeh, using shallow depth of field, is also possible in combination with a bright (wide-aperture) full-frame lens.

Back-illuminated Full-Frame Sensor

The back-illuminated Exmor R™ CMOS sensor and BIONZ X™ image processing engine work together beautifully. The extra-large pixels of a 24.2-megapixel full-frame sensor collect more light, for a 15-stopwide dynamic range and smoother gradations from shadows to highlights

BIONZ X™ Image Processing Engine

The BIONZ X™ image processing engine processes images with the front-end LSI in 16-bits and outputs 14-bit RAW data for richer, more natural gradations, even in silent or continuous shooting modes.

Real-time Eye Auto-Focus

Real-time Eye Auto Focus highlights Sony's Speed x AI technology. For both stills and movies, when a face is partially hidden, looking down, or even backlit, focus stays on the subject's eye for reliably impressive portraits. It can also capture focus with animal eyes even if the subject is partially obscured.

4K Movies

The α7C shoots 4K using full-pixel readout and 6K oversampling, for exceptional detail with minimal moiré and jaggies.

Key features and technologies:

Exmor R™ CMOS Sensor BIONZ X AF

24.2MP 4K HDR 4D FOCUS ISO 100-51200

5-axis SteadyShot INSIDE 10fps Bluetooth N WiFi CERTIFIED

XGA OLED Tru-Finder USB-C



Ticket suggestion:

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- World's Smallest and Lightest Full-Frame Camera System
- BIONZ X™ Image Processor
- Exmor R™ CMOS Sensor
- 4K Movie Recording
- Real-time Eye Auto-Focus

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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 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
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
Picture Effects 7 Types
Image Size Pixels (XAVC S 4K) 3840 x 2160 (30p, 100M)
Image Size Pixels (XAVC S HD) 1920 x 1080 (120p, 100M)
Slow Motion / Quick Motion Yes / Yes
Movie Functions Yes

RECORDING SYSTEM

Location Info Link from Smartphone Yes
Media SD/SDHC/SDXC Memory Card
Memory Card Slots 1x SD Memory Card

FOCUS

Focus Type Fast Hybrid AF (Phase/Contrast-detection AF)
Focus Point 35mm F/F: 693 Points (Phase-detection AF)
Sensitivity Range EV-4 - 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 1.0cm (0.39 type) Elec. Viewfinder (XGA OLED)
Eye Point 0.79 inch from Eyepiece Lens
Number of Dots 2,359,296 Dots
Field Coverage 100%
Magnification Approx. 0.59 (with 50mm Lens at Infinity)

DRIVE

Drive Modes Yes
Continuous Drive Speed (Approx. Max.) 10fps
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 Opening 176 Degrees, Rotation 270 Degrees
Number of Dots 921,600 Dots
Focus Magnifier 35mm F/F: 5.9x, 11.7x, APS-C: 3.8x, 7.7x

SHUTTER

Type Electronically Controlled, Vertical-traverse, Focal-plane
Shutter Speed - Stills / Movies 1/4000 to 30 sec. / 1/4000 to 1/4
Flash Sync. Speed 1/160 sec.
Electronic Front Curtain Shutter Yes
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
Wireless LAN (Built-in) -
NFC Yes
Bluetooth v4.1
Vertical Grip Connector -
Headphone Terminal 3.5mm Stereo Mini-jack

BATTERY LIFE

Stills Approx. 680 Shots (Viewfinder), 740 Shots (Monitor)
Movie (Cont. Rec.) Approx. 220 mins. (Viewfinder), 215 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 USB Type-C Terminal

DIMENSIONS AND WEIGHT

Dimensions (W x H x D) 124.0 x 71.1 x 59.7 (mm)
Weight Approx. 509g

WHAT'S IN THE BOX?

Rechargeable Battery Yes (NP-FZ100)
AC Adaptor Yes (NP-FZ100)
Shoulder Strap Yes
Accessory Shoe Cap / Body Cap Yes / Yes
USB Cable Yes USB-A to USB-C (USB 3.2)