Made for the moment

α6100
Real-time Eye AF for human provides continuous eye tracking, and you can prioritise either the left or right eye. It works even when the face is partially hidden, backlit or facing downwards. Real-time Eye AF for animal* helps you take sharply focused pet portraits and beautiful wildlife shots.

Autofocus you can rely on

The camera’s wide AF coverage is based on dense arrays of 425 phase-detection points and 425 contrast-detection points. Fast performance from the latest-generation processing engine helps achieve a remarkable 0.02-second* AF acquisition speed, and advanced algorithms predict your subject’s future location. Keeping active subjects in constant, steady focus is absolutely vital to capturing every important moment, whether you’re covering a sporting event or documenting everyday life. Sony’s sophisticated AI-based* subject-tracking algorithms won’t let you down, processing massive volumes of spatial data at high speed and in real time.

Real-time Tracking with reliable precision

Impressively speedy internal processing and the high-capacity buffer memory mean you can fire off continuous shots at up to 11fps*1 with after-view or 8fps*1 for real-time preview, with minimal display lag. You can take around 77 shots*2 in JPEG (Standard) format in one continuous burst.

Continuous shooting at up to 11fps with AF/AE tracking

*Based on Sony research, CIPA-compliant measurement with an E 18-135mm F3.5-5.6 OSS lens mounted, Pre-AF off and standard viewfinder.

* AI (artificial intelligence) including machine learning technology is used.

* Still images only. Does not work with all types of animal. Tracking and right/left eye selection are not available.

*1. Up to 11fps in continuous “Hi+” mode and up to 8fps in continuous “Hi” mode. Maximum fps will depend on camera settings.

*2. With continuous “Hi+” mode. Sony internal measurement.

Real-time Eye AF for human and animal

Real-time Eye AF for human provides continuous eye tracking, and you can prioritise either the left or right eye. It works even when the face is partially hidden, backlit or facing downwards. Real-time Eye AF for animal* helps you take sharply focused pet portraits and beautiful wildlife shots.

Convenient Touch Tracking and Touch Focus features

Once you’ve set Touch Tracking in the menu you can select your subject simply by touching the monitor. Whether you’re taking stills or movies, the camera will begin auto-tracking. The Touch Focus feature is also simple to use – just touch the appropriate point on the monitor to set the focus.
Stunning image quality, by design

High resolution, high sensitivity
The APS-C sensor uses copper wiring and is optimised for light-collection efficiency, facilitating better image resolution and natural-looking textures. The large-size sensor also facilitates shallow depth of field (bokeh) to make your subject stand out from the background. The camera’s improved noise suppression produces cleaner images in dimly lit settings where high-sensitivity shooting is required. The native ISO sensitivity reaches a maximum ISO 32000, with expanded ISO sensitivity up to ISO 51200 for stills.

Lifelike skin tones
The skin tone feature inherited from our latest, highly acclaimed full-frame cameras captures the natural beauty of human skin tones, helping you take portraits that look their best.

Realistic colour reproduction
Natural-looking images with improved colour reproduction better match what you see in real life, with more vibrant colours of flowers and similar objects as well as suppression of jaggies and false colours.

The APS-C Exmor™ CMOS image sensor, with approx. 24.2 effective megapixels, works with a front-end LSI supporting the latest-generation BIONZ X™ image processing engine to achieve improved processing speeds up to 1.8 times* as fast as previously.

* Compared to α6000 in Sony research.

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FE 35mm F1.8 (SEL35F18F), 1/40 sec., F1.8, ISO 400

E PZ 16-50mm F3.5-5.6 OSS (SELP1650), 1/25 sec., F5, ISO 100

FE 35mm F1.8 (SEL35F18F), 1/80 sec., F1.8, ISO 100

FE 35mm F1.8 [SEL35F18F], 1/80 sec., F1.8, ISO 100

FE 35mm F1.8 [SEL35F18F], 1/80 sec., F1.8, ISO 100

No. 1 image sensor manufacturer for digital cameras and video recorders. Based on Sony research - April 2017 to March 2018 (over 50% market share).
Expressive movie-making for anyone

High-resolution 4K movie recording
Full pixel readout, with no pixel binning, processes approximately 2.4 times as much information as is required for 4K (QFHD: 3840 x 2160) recording, to produce movies with extraordinary detail, depth and realism. In addition, the XAVC S format enables high-bitrate recording (up to 100Mbps for 4K 30p/24p).

Fast Hybrid AF and Real-time Tracking for movies
Fast Hybrid AF brings high speed, accuracy and tracking to meet the stringent auto-focus demands of 4K movies. More effective use of the focal plane phase-detection system enables more stable AF, while the contrast-detection AF system contributes to overall accuracy. In addition, Real-time Tracking provides a high level of tracking performance of your subject.

Touch tracking for movies
The camera’s Touch Tracking feature provides smooth, continuous focus tracking of your subject, and it can be activated with a simple touch of the display screen.

Choose your own shooting style

Slow & Quick motion
The camera can directly record movies in slow motion (up to 5x) and quick motion (up to 60x), without the need for PC post-processing.

Interval Shooting
In-camera Interval Shooting with a set interval of 1-60 seconds produces still images that can be edited into a time-lapse movie on a PC.

Creative Style, Picture Effect
The Creative Style feature helps you craft a specific look for your photos, while Picture Effect adds creative flair to your shots.

Tiltable touch-screen LCD
The LCD monitor tilts approx. 180° upwards and approx. 74° downwards, letting you more easily frame up your subject when shooting from low or high angles.

Microphone jack
An external microphone jack gives you greater options for audio, to suit serious movie shooting and high-quality vlogging.

Share images easily
It’s easy to transfer photo and movie files, including smaller-size proxy movies, to mobile devices for easy sharing.

Custom functions
Custom-assign up to eight keys and controls to various shooting and replay functions, and use My Menu for flexible access to 30 menu items.

Ratings and protection
During playback mode, still images can be given ratings and protected from deletion, and these functions can be assigned to custom keys.

Square aspect ratio
The 1:1 square aspect ratio is ideal for sharing images on social media platforms without the need to hand-trim your images.

Imaging Edge™ applications
The Imaging Edge applications help you raise your photography to the next level while making day-to-day operations more convenient. “Remote” and “Viewer” give you remote control and monitoring ability from your PC screen as well as preview, rating and selection features you can use with large image libraries. And “Edit” provides RAW editing functions to turn Sony RAW files into high-quality photos for delivery. “Imaging Edge Mobile” enables remote control and file transfer* including 4K movies.

* 3G recording: Approx. 1.6 times for 30p recording.  
* A Class 10 or higher SDHC/SDXC card is required for XAVC S format movie recording. A UHS-I (U3) SDHC/SDXC card is required for 100Mbps.

* Availability of transfer / playback depends on the performance of the smartphone.
Expand your options

**α E-mount lenses**
Discover limitless possibilities with the E-mount interchangeable lens system. Enjoy seamless compatibility with the vast and growing family of full-frame lenses, for highest performance, and compact APS-C lenses offering exceptional quality and mobility.

### Accessories
- Rechargeable Battery Pack NP-FW50
- Battery Charger BC-TRW
- Remote Commander RMT-P1BT
- Body Case LCS-EBE
- Stereo Microphone ECM-XST1M
- Shotgun Microphone ECM-B1M*
- Unique Microphone ECM-XYST1M
- * Set DIGITAL/ANALOG switch to ANALOG.

### Controls
1. Shutter button
2. Self-timer lamp/AF illuminator
3. Movie
4. Lens release button
5. Wi-Fi (mmWave) button
6. MENU button
7. Mount
8. Lens contacts
9. Diopter adjustment dial
10. Eye sensor
11. Viewfinder
12. For shooting: Focus button
13. For viewing: Send to Smartphone button
14. Movie
15. Playback button
16. Flexible pop-up button
17. Wi-Fi button
18. For shooting: AF-ON button
19. For viewing: Enlarge button
20. Control wheel
21. C2 (Custom 2) button/Delete button
22. Flash
23. Movie pop-up button
24. Control dial
25. Access lamp
26. Battery/Memory card cover
27. Connection plate cover
28. Tripod socket hole
29. Speaker
30. Multi/Micro USB Terminal (Supports Micro USB compatible devices)
31. ON/OFF (Power) switch
32. C1 (Custom 1) button
33. Mode dial
34. Control dial
35. Access lamp
36. Battery/Memory card cover
37. Connection plate cover
38. N-mark

### Model comparison

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### Movie Functions
- 180° tiltable touch-operated LCD monitor
- 180° tiltable touch-operated LCD monitor
- 180° tiltable touch-operated LCD monitor

### Operability
- 180° tiltable touch-operated LCD monitor
- OLED Tru-Finder, 1,440k-dot (SVGA)
- OLED Tru-Finder, 2,359k-dot (XGA)
- OLED Tru-Finder, 2,359k-dot (XGA)

### Battery
- 396g
- 403g
- 503g

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*https://www.sony.net/ilc/lenses
https://www.sony.net/ilc/accy*