SONY

ILCE-6100/B

Alpha 6100 APS-C Mirrorless Interchangeable-Lens Camera

The Alpha 6100 include a 24.2MP[2] Exmor™ CMOS image sensor, the latest BIONZ X™ image processor and a front-end LSI as implemented in Sony's full-frame cameras, which combine to deliver all-round enhancements in image quality and performance across all areas of photo and video capture.

Key Features

24.2MP[2] and incredible image quality

The Alpha 6100 boasts an impressive APS-C image sensor with approximately 24.2 effective megapixels, the latest BIONZ X™ image processing engine and the same front end LSI as used on Sony's acclaimed full-frame cameras to deliver outstanding image quality with rich detail and true-to-life color reproduction. Area specific noise reduction results in low noise even at high ISO which ranges from 100 – 32,000 (Expandable up to ISO – 51,200). The design significantly increases readout speed, enabling functionality including 11fps continuous shooting[5], 4K recording[3] with full pixel readout without pixel binning and Full HD 120fps high-speed shooting.

Superior autofocus with 4D FOCUS™

The Alpha 6100 incorporates Sony's unrivaled 4D FOCUS™ system for unsurpassed fast autofocus (AF) acquisition time that can lock focus on even the fastest moving subject in as little as 0.02 seconds[1]. It also boasts an incredible 425 phase detection and 425 contrast detection AF points that are densely positioned over 84% of the image area, effectively tracking subjects as they move across the frame. Moreover, the Alpha 6600 takes full advantage of its enhanced fast hybrid AF for movies in both HD and 4K[3]. Both AF detection accuracy and tracking performance have been boosted.

Advanced Real-time Eye AF, humans and animals[6]

Advanced "Real-time Eye AF[6]" employs (AI) artificial intelligence, including machine learning , to detect and process eye data in real time, resulting in improved accuracy, speed and tracking performance of Eye AF. Eye AF can be employed for humans, animals[6] and when recording movie. With a half press of the shutter button, the camera can automatically detect the eyes of the subject and activate Eye AF in all autofocus modes. When in either AF-C or AF-A mode, eye capture is continuously maintained. Additionally, the preferred eye (right or left) of your subject can be selected as the focus point. Choices include Auto/Right Eye/Left Eye, and a Switch Right/Left Eye function is assignable to a custom function or the touchscreen panel.

Real-time Tracking Autofocus

"Real-time Tracking" is a state-of-the-art feature that utilizes a special object recognition algorithm that processes color, subject distance (depth), brightness (pattern) as spatial information, plus AI (Artificial Intelligence with machine learning) information including face and eye location, ensuring that all subjects can be captured with extreme accuracy and precision. This can be activated by a simple half press of the shutter button, or can be assigned to a custom function as well. The subject to be tracked can also be specified by touching it on the monitor when the Touch Tracking function is engaged.

Real-time Eye AF for animals[6]

Advanced AI-based subject recognition technology now allows fast, precise, automatic detection and tracking of animal[6] eyes. This new capability can vastly increase success rates when photographing animals in a variety of settings or pets at home. Real-time Eye AF animal mode can be initiated either by pressing an assigned custom button or by half-pressing the shutter button.

16-bit processing and 14-bit RAW output

Image sensor output is processed in 16-bit form by the front-end LSI and BIONZ X image processing engine before being output as compressed or uncompressed 14-bit RAW files that have smoother, more natural gradations for higher overall image quality. 14-bit RAW output is available even when shooting in silent or continuous mode.

Up to 11fps[5] at 24.2MP with AE/AF tracking

The Alpha 6100 has been designed to allow for high resolution, continuous shooting at high frame rates. It features a front-end LSI that works with the image sensor, BIONZ X image processing engine and a newly designed shutter mechanism with 'braking feature' to enable continuous shooting at impressive speeds up to 11fps[5] with continuous autofocus and auto-exposure tracking at full 24.2MP resolution while utilizing the mechanical shutter, and up to 8 fps[5] with full AF/AE tracking while silent shooting.

4K movie[3] w/ full pixel readout, no pixel binning

The Alpha 6100 offers internal 4K (QFHD: 3840 x 2160) recording[3] in Super 35mm format with full pixel readout and no pixel binning at 2.4x oversampling[4] (6K equivalent) for the ultimate 4K footage with exceptional detail and depth. Additional the Alpha 6100 has the ability to record Full HD at 120 fps for up to 5x slow motion HD video[7] and a mic jack with XLR compatibility via the MI shoe, focus peaking, clean HDMI output and much more.

Touch Tracking for movies

Touch Tracking is beneficial for movie recording. Touch the subject to be tracked on the monitor, and the Real-time Tracking function will then process color, pattern (brightness), distance (depth), and face information to precisely and smoothly track the selected subject at the specified sensitivity and speed. It is also possible to half-press the shutter button or press the AF ON button while shooting to achieve fast focus (AF-S). This can be an advantage for weddings or documentaries, where there is only one chance to capture a scene. In such cases the focus area selected in advance is applied.

180-degree tiltable LCD touch screen for self-recording

The fully tiltable (180-degree), 3" (3.0-type) LCD flip screen with 921k-dots of high-resolution allows for simple and effective selfie-style shooting for both still image and video capture. Utilizing this capability, vloggers will be able to check and monitor composition throughout their entire creative process. The LCD screen is also equipped with touch functionality, with options for Touch Pad, Touch Focus, Touch Shutter and new Touch Tracking which quickly activates "Real-time Tracking" through the touch screen.

Wi-Fi®/NFC™/QR code for easy file transfer and remote control[8]

Easily connect with NFC or QR code (for non-NFC devices) to smartphones or tablets with the built-in Wi-Fi® and Sony's PlayMemories Mobile™ application available for free on the Android™ and iOS platforms[8]. Control your camera or transfer files to your device for fast and easy sharing without the need of a computer. It also supports Sony's growing range of PlayMemories Camera Apps™, which add a variety of creative capabilities to the camera. Then when you're done, you can use the free software to sort and manage your stills and video with PlayMemories Home™ or edit your RAW file with either Sony's Image Data Converter or Capture One Express (for Sony).

Make it your own with easy button and dial customization

Make operation more intuitive, quick and easy. You can assign any of 89 functions to any of 8 custom buttons. Independent function sets can be assigned for stills, movies, and playback. "My Dial" allows for frequently-used functions to be assigned to the control dial and control wheel. The My Menu function allows up to 30 frequently-used menu items to be registered. They can be re-ordered by frequency of use, and little-used items can be deleted, allowing the user to create a menu that reflects their usage patterns.

Interval Recording[7] for time-lapse

Interval shooting[7] (continuous shooting with a set interval) is possible to create time-lapse movies, without requiring an app or external interferometer. Shooting interval can be set to anywhere between 1 second and 60 seconds, and the number of shots to anywhere from 1 to 9999. AE tracking sensitivity can be set to "High", "Mid" or "Low" during interval shooting to control your exposure and silent shooting can be activated to reduce shutter vibration. To extend shooting periods, a mobile battery can be used while the internal battery remains in the camera. Still images shot can be edited into a time-lapse movie on a computer with the latest version of Imaging Edge software (Remote/Viewer/Edit) and PlayMemories Home.

Slow and quick motion[7]

Slow and quick motion[7] offers an almost endless variety of creative ways to express the passage of time. Frame rates from 1 fps to 120fps (100fps) can be selected in eight steps for full HD up to 50 Mbps; 60x quick motion/5x slow in NTSC and 50x quick motion/4x slow in PAL.

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4K movie transfer to smartphone[8]

By using the newly introduced smartphone app Imaging Edge Mobile, high-bitrate movies including 4K can be transferred to smartphones (Probability of transfer / playback depends on the performance of the smartphone). Refer to the product information for Imaging Edge Mobile for details

Imaging Edge desktop applications

To support an efficient, high speed, connected professional workflow, Sony provides "Imaging Edge" desktop applications. Use "Remote" to control and monitor shooting live on your PC screen; "Viewer" to quickly preview, rate, and select photos from large image libraries; and "Edit" to develop RAW data into high-quality photos for delivery. Get the best from Sony RAW files, and manage your productions more efficiently. To maximize convenience in image transfer, when utilizing the latest version of Sony's Imaging Edge Mobile™ application, the camera can now transfer images to a connected smartphone even if the camera's power is set to OFF. Refer to the download page for details: http://www.sony.net/disoft/d/

Specifications

Camera	
Lens Compatibility	Sony E-mount lenses
Lens Mount	E-mount
Camera Type	Interchangeable lens digital camera with built-in flash
Imaging Sensor	
Imaging Sensor	APS-C type (23.5 x 15.6mm) Exmor CMOS sensor
Pixel Gross	Approx. 25.0 megapixels
Effective Picture Resolution	Approx. 24.2 megapixels
Color Filter System	R,G,B primary color
Recording	
Color Space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color
Still Image Mode	RAW RAW & JPEG (Extra fine, Fine, Standard) JPEG (Extra fine, Fine, Standard)
Still Image Size 16:9	L: 6000 x 3376 (20M) M: 4240 x 2400 (10M) S: 3008 x 1688 (5.1M)
Still Image Size 1:1	L: 4000 x 4000 (16M) M: 2832 x 2832 (8.0M) S: 2000 x 2000 (4.0M)
Still Image Size 3:2	L: 6000 x 4000 (24M) M: 4240 x 2832 (12M) S: 3008 x 2000 (6.0M)
Panorama Still Image Size	Sweep Panorama Wide horizontal 12,416 x 1,856 (23M), vertical 5,536 x 2,160 (12M), Standard horizontal 8,192 x 1,856 (15M), vertical 3,872 x 2,160 (8.4M)

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Video Resolution	XAVC S 4K: 3840 x 2160 / 30p @ Approx.100Mbps 3840 x 2160 / 25p @ Approx.100Mbps 3840 x 2160 / 24p @ Approx.100Mbps 3840 x 2160 /30p @ Approx.60Mbps 3840 x 2160 / 25p @ Approx.60Mbps 3840 x 2160 /24p @Approx.60Mbps XAVC S HD: 1920 x 1080 /120p @ Approx.100Mbps 1920 x 1080 / 100p @ Approx.100Mbps 1920 x 1080 / 120p @ Approx.60Mbps 1920 x 1080 / 100p @ Approx.60Mbps 1920 x 1080 / 60p @ Approx.50Mbps 1920 x 1080 / 50p @ Approx.50Mbps 1920 x 1080 / 30p @ Approx.50Mbps 1920 x 1080 / 25p @ Approx.50Mbps 1920 x 1080 / 24p @ Approx.50Mbps 1920 x 1080 / 60p @ Approx. 25Mbps 1920 x 1080 / 50p @ Approx. 25Mbps 1920 x 1080 / 30p @ Approx. 16Mbps 1920 x 1080 / 25p @ Approx. 16Mbps AVCHD: FX - 1920 x 1080 / 60i @ Maximum bit-rate 24Mbps FX - 1920 x 1080 / 50i @ Maximum bit-rate 24Mbps FH - 1920 x 1080 / 60i @ Average bit-rate 17Mbps FH - 1920 x 1080 / 50i @ Average bit-rate 17Mbps
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver.2.31, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Viewfinder	
Type	0.39" (1.0 cm) OLED electronic viewfinder (color), 1,440,000 dots
Diopter Adjustment	-4.0 to +3.0m^{-1}
Field of View	100%
Magnification	Approx. 1.07x (35mm camera equivalent: Approx. 0.70x) with 50mm lens at infinity, -1m^{-1}
Brightness control	Auto/Manual (5 steps between -2 and +2)
Color temperature control	Manual (5 steps)
Display Contents	Graphic Display Display All Info. No Disp. Info. Histogram
Eye point	Approx. 23mm from the eyepiece lens, 21.4mm from the eyepiece frame at -1m-1(CIPA standard)
LCD Display	
Real-time image adjustment display	On/Off
Zebra	Yes (selectable level + range or lower limit as custom setting)
Face detection	
Face selection	Yes
Max. number of detectable faces	8
Modes	Face Priority in AF (On/Off), Face Priority in Multi Metering (On/Off), Regist. Faces Priority (On/Off)
Flash	
Control	Pre-flash TTL
External flash	Sony α System Flash compatible with Multi Interface Shoe, attach the shoe adaptor for flash compatible with Auto-lock accessory shoe
FE Level Lock	Yes

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Flash Bracketing	3/5 frames selectable. With 3 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, or 3.0 EV increments. With 5 frames, in 1/3, 1/2, 2/3 EV increments.
Flash Compensation	+/- 3.0 EV (switchable between 1/3 and 1/2 EV steps)
Flash Coverage	16mm (focal-length printed on the lens body)
Flash Modes	Flash off Autoflash Fill-flash Slow Sync. Rear Sync. Red-eye reduction (on/off selectable) Wireless control* Hi-speed sync* *With compatible external flash
Flash Type	Built-in flash
Guide Number	6 (in meters at ISO 100)
Recycling Time	Approx. 4 sec
Interface	
Remote Commander	Yes (Bluetooth remote control)
HD Output	HDMI micro connector (Type-D) BRAVIA Sync (Control for HDMI) PhotoTV HD 4K movie output/4K still image PB
NFC	Yes (NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing)
Wi-Fi	Yes (Wi-Fi Compatible, IEEE 802.11b/g/n (2.4GHz band))*7
Weights and Measurements	
Dimensions (Approx.)	4 3/4 x 2 3/4 x 2 3/8 inches, (120.0 x 66.9 x 59.4mm) 4 3/4 x 2 3/4 x 2 inches (120.0 x 66.9 x 49.9mm) (FROM GRIP TO MONITOR) (WxHxD)
Weight (Approx.)	With battery and memory Card included : 14.0 oz (396 g)
Weight(Approx) (Main unit only)	Body only : 12.5 oz (352 g)
Power	
Battery Type	One rechargeable battery pack NP-FW50
Number of Still Images	Approx. 380 shots (Viewfinder) / Approx. 420 shots (LCD monitor) (CIPA standard)
External Power	AC Adaptor AC-PW20 (sold separately)
Power Consumption (in View Finder Operation)	Still images: approx. 2.3W (with E PZ 16-50mm F3.5-5.6 OSS lens attached), Movies: approx. 3.5W (with E PZ 16-50mm F3.5-5.6 OSS lens attached) With LCD screen: Still images: approx. 2.1W (with E PZ 16-50mm F3.5-5.6 OSS lens attached), Movies: approx. 3.5W (with E PZ 16-50mm F3.5-5.6 OSS lens attached)
Internal battery charge	Yes
Movies (actual recording)	Approx. 70 min (Viewfinder) / Approx. 75 min (LCD monitor) (CIPA standard)
Movies (continuous recording)	Approx. 125 min (Viewfinder) / Approx. 125 min (LCD monitor) (CIPA standard)
USB power supply	Yes
Audio/ Microphone	
Microphone	Built-in, stereo
Audio/ Speaker	
Speaker	Built-in,monaural
Clear Image Zoom	
Movies	Approx. 1.5x (4K), Approx. 2x (HD)
Still images	Approx. 2x
Custom function	
Custom key settings	Yes
Programmable Setting	Yes (Body 3 sets /memory card 4 sets)

Digital zoom	
Digital zoom (Movie)	Approx. 4x
Digital zoom (Still images)	L: Approx. 4x M: Approx. 5.7x S: Approx. 8x
Smart zoom (Still images)	M: Approx. 1.4x S: Approx. 2x

Drive	
Drive modes	Single Shooting Continuous shooting (Hi+/Hi/Mid/Lo selectable) Self-timer Self-timer (Cont.) Bracket: Single Bracket: Cont. White Balance bracket DRO bracket
No. of frame recordable* (approx.)	JPEG Extra fine L: 76 frames, JPEG Fine L: 77 frames, JPEG Standard L: 77 frames, RAW: 33 frames, RAW&JPG: 31 frames* *In the case of this model, when useing Continuous Shooting (Hi+) in Drive mode
Self-timer	10 sec. delay/5 sec. delay/2 sec. delay/Continuous self-timer (3 frames after 10 sec. delay/5 frames after 10 sec. delay/3 frames after 5 sec. delay/5 frames after 5 sec. delay/3 frames after 2 sec. delay/5 frames after 2 sec. delay)/Bracketing self-timer (Off/2 sec. delay/5 sec. delay/10sec. delay)
Speed (approx., max.)	Continuous shooting: Hi+: 11 fps, Hi: 8 fps, Mid: 6 fps, Lo: 3 fps

Exposure control	
AE Lock	Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto)
Bracketing	Bracket: Cont., Bracket: Single, 3/5 frames selectable. With 3 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, or 3.0 EV increments. With 5 frames, in 1/3, 1/2, 2/3 EV increments.
Exposure compensation	+/- 5.0EV (1/3 EV, 1/2 EV steps selectable)
ISO sensitivity (Recommended Exposure Index)	Still images: ISO 100-32000 (ISO numbers up to ISO 51200 can be set as expanded ISO range.), AUTO (ISO 100-6400, selectable lower limit and upper limit) Movies: ISO 100-32000 equivalent, AUTO (ISO 100-6400, selectable lower limit and upper limit)
Metering sensitivity	EV-2 to EV20 (at ISO100 equivalent with F2.0 lens attached)
Metering sensor	Exmor CMOS sensor
Metering type	1200-zone evaluative metering
Modes	AUTO (iAuto/Superior Auto) Programmed AE (P) Aperture priority (A) Shutter-speed priority (S) Manual (M) Movie (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M)) Slow & Quick Motion (Programmed AE (P) / Aperture priority (A) / Shutter-speed priority (S) / Manual (M)) Sweep Panorama Scene Selection
Scene Selection	Portrait Sports Action Macro Landscape Sunset Night Scene Hand-held Twilight Night Portrait Anti Motion Blur

Focus system	
AF illuminator	Yes (with Built-in LED type)

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AF illuminator range	Approx. 0.3- approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached)
Eye AF	(Still images) Human(Right/Left Eye Select) / Animal
Eye-start AF	Yes (only with LA-EA2 or LA-EA4 attached (Sold separately))
Focus area	Wide (425 points (phase-detection AF), 425 points(contrast-detection AF)) / Zone / Center / Flexible Spot (S/M/L) /Expanded Flexible Spot/ Tracking (Wide / Zone / Center / Flexible Spot (S/M/L)/Expanded Flexible Spot)
Focus mode	AF-A (Automatic AF), AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus
Focus point	425 points (phase-detection AF) / 425 points (contrast-detection AF)
Focus sensor	Exmor CMOS sensor
Other Features	Predictive control, Focus lock
Sensitivity range	EV-2 to EV20 (ISO100 equivalent with F2.0 lens attached)
Type	Fast Hybrid AF (phase-detection AF/contrast-detection AF)
AF micro adjustment	Yes (Sold separately) with LA-EA2 or LA-EA4
Eye-start AF	Yes (only with LA-EA2 or LA-EA4 attached (Sold separately))
Interface	
Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
Multi / Micro USB Terminal	Yes
Multi Interface Shoe	Yes
PC Remote	Yes
Lens compensation	
Lens compensation	Peripheral Shading, Chromatic Aberration, Distortion
LCD screen	
Adjustable angle	Up by approx. 180 degrees, Down by approx. 74 degrees
Brightness control	Manual (5 steps between -2 and +2), Sunny Weather mode
Display Contents	Graphic Display Display All Info No Disp. Info Histogram For viewfinder Monitor Off
Focus Check	Yes Focus Magnifier (5.9x, 11.7x)
Grid Line	Yes (Rule of 3rds Grid/Square Grid/Diag. + Square Grid/Off)
Number of dots (total)	921 600 dots
Peaking MF	Yes (Level setting: High/Mid/Low/Off, Color: Red/Yellow/Blue/White)
Quick Navi	Yes
Touch panel	Yes
Type	7.5cm (3.0-type) wide type TFT
WhiteMagic	Yes
Movie Function	
AF Drive Speed	Yes
AF Tracking Duration	Yes
Audio Level Display	Yes
Audio Rec Level	Yes
Auto Slow Shutter	Yes
Clean HDMI Info.	ON/OFF selectable

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HDMI Output	3840 x 2160 (30p) 3840 x 2160 (25p) 3840 x 2160 (24p) 1920 x 1080 (60p) 1920 x 1080 (60i) 1920 x 1080 (50p) 1920 x 1080 (50i) 1920 x 1080 (24p), YCbCr 4:2:2 8bit / RGB 8bit
PAL/NTSC Selector	Yes
Operating Temperature	
Operating temperature	32 - 104 degrees F / 0 - 40 degrees C
Other Features	
Area Setting	Yes
Clock Function,Setting	Yes
Help guide	Yes
Shop Front Mode	Yes
Print	
Compatible standards	Exif Print, Print Image Matching III, DPOF setting
Recording system	
File system	FAT12, 16, 32, exFAT
Media	Memory Stick PRO Duo Memory Stick PRO-HG Duo Memory Stick Micro (M2) SD memory card SDHC memory card (UHS-I compliant) SDXC memory card (UHS-I compliant) microSD memory card microSDHC memory card microSDXC memory card
Memory Card Slot	Multi slot for Memory Stick Duo/SD memory card
Recording system (movie)	
Audio recording format	XAVC S: LPCM 2ch AVCHD: Dolby Digital (AC-3) 2ch, Dolby Digital Stereo Creator
Color space	xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
Creative Style	Standard, Vivid, Portrait, Landscape, Sunset, Black & White, Sepia (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
Picture Effect	Posterization (Color), Posterization (B/W), Pop Color, Retro Photo, Partial Color (R/G/B/Y), High Contrast Monochrome, Toy Camera (Normal /Cool /Warm /Green /Magenta), Soft High-key
Recording format	XAVC S AVCHD format Ver. 2.0 compliant
Video compression	XAVC S: MPEG-4 AVC/H.264, AVCHD: MPEG-4 AVC/H.264
Recording system (still image)	
Creative Style	(Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
Dynamic Range functions	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range (Auto Exposure Difference, Exposure Difference Level (1-6 EV, 1.0 EV step))
Picture Effect	13 types: Posterization (Color), Posterization (B/W), Pop Color, Retro Photo, Partial Color (R/G/B/Y), High Contrast Monochrome, Toy Camera (Normal/Cool/Warm/Green/Magenta), Soft High-key, Soft Focus (High/Mid/Low), HDR Painting (High/Mid/Low), Rich-tone Monochrome, Miniature (Auto/Top/Middle (H)/Bottom/Right/Middle (V)/Left), Watercolor, Illustration (High/Mid/ Low)
Playback	

Modes	Single (with or without shooting information Y RGB histogram & highlight/shadow warning) 12/30-frame index view Enlarged display mode (L: 16.7x, M: 11.8x, S: 8.3x, Panorama (Standard): 19.2x, Panorama (Wide): 29.1x) Auto Review (10/5/2 sec, Off) Image orientation (Manual/Off selectable) Slideshow Panorama scrolling Folder selection (Date/ Still/ AVCHD/XAVC S HD/XAVC S 4K) Forward/Rewind (movie) Delete Protect Rating Display as Group
Photo Capture	Yes

Shutter

Electronic Front Curtain Shutter	Yes (ON/OFF)
Flash sync. speed	1/160 sec.
Shutter speed	Still images:1/4000 to 30 sec, Bulb, Movies: 1/4000 to 1/4 (1/3 steps), up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode)
Silent Shooting	Yes (ON/OFF)
Type	Electronically-controlled, vertical-traverse, focal-plane type

Slow & Quick Motion (S&Q)

Image frame rate	NTSC mode: 1fps, 2fps, 4fps, 8fps, 15fps, 30fps, 60fps, 120fps PAL mode: 1fps, 2fps, 3fps, 6fps, 12fps, 25fps, 50fps, 100fps
Image size (frame rate)	NTSC mode: 1920x1080 (60p, 30p, 24p) PAL mode: 1920x1080 (50p, 25p)

White balance

AWB micro adjustment	Yes (G7 to M7,57-step) (A7 to B7, 29-step)
Bracketing	3 frames, H/L selectable
Modes	Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent (Warm White / Cool White / Day White / Daylight) / Flash /Underwater/ Color Temperature (2500 to 9900K) & color filter (G7 to M7 (57-step), A7 to B7 (29-step)) / Custom
Priority Set in AWB	Yes

Wi-Fi

Send to Computer	Yes
View on Smartphone	Yes
View on TV	Yes

Accessories

Supplied Accessories	Rechargeable Battery NP-FW50 AC Adaptor (AC-UUD12) Shoulder strap Body cap Eyepiece cup Micro USB cable

1. Based on Sony research, CIPA-guideline-compliant internal measurement with an E 18-135mm F3.5-5.6 OSS lens mounted, Pre-AF off and viewfinder in use.

2. Approximately, effective megapixels

3. 3840×2160 pixels. A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. UHS-I (U3) SDHC/SDXC card is required for 100Mbps

4. Standard ISO 100 up to ISO 32000 expandable to ISO 100 to ISO 51200for still images

5. High-speed continuous shooting is available at up to approx. 11fps in "Hi+" continuous shooting mode and up to approx. 8fps in "Hi" continuous shooting mode. Maximum fps will depend on camera settings.

6. Accurate focus may not be achieved with certain subjects in certain situations.. Real-time Eye AF for Animals supports still images only and cannot be used in combination with tracking. Does not work with some types of animal.

7. Wi-Fi does not work during interval shooting

8. Imaging Edge Mobile Ver. 7.2 or later is required