

# ILCE-6100L

α6100 APS-C camera with fast AF

α6100 Extraordinary AF speed and high-end features

With incredible AF speed, impressive subject tracking, high-resolution 4K movie recording and other high-level features, the α6100 takes care of the details so you can concentrate on creative still photography and dynamic movie-making.

- Fast 0.02 sec. AF performance, Real-time Tracking and Real-time Eye AF
- High-resolution 4K movie recording and microphone jack
- 180° tiltable LCD touchscreen for selfies and vlogging



## Technical Summary

### Icon Description

- Fast 0.02 sec. AF, with 425 phase-detection AF points
- High-resolution 4K movie recording
- 24.2-megapixel Exmor CMOS sensor
- Real-time Tracking, Real-time Eye AF, Eye AF for Animals
- 180° tiltable LCD touchscreen for easier self-portraits and high- and low-angle shots

### Key Technical Specification

- **Lens Compatibility**  
Sony E-mount lenses
- **Sensor Type**  
APS-C type (23.5 x 15.6mm), Exmor CMOS sensor
- **Number Of Pixels (Effective)**  
Approx. 24.2 megapixels
- **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)
- **Battery Life (Still Images)**  
Approx. 380 shots (Viewfinder) / Approx. 420 shots (LCD monitor) (CIPA standard)
- **Viewfinder Type**  
1.0 cm (0.39 type) electronic viewfinder (color)
- **Monitor Type**  
7.5cm (3.0-type) wide type TFT

### What's in the box?

- Power cord
- Rechargeable Battery NP-FW50
- AC Adaptor:AC-UUE12
- Shoulder strap
- Eyepiece cup
- Micro USB cable
- Lens cap
- SELP1650

## Specifications

<b>Lens</b>		<b>Image Sensor</b>	
<b>Lens Compatibility</b>	Sony E-mount lenses	<b>Aspect Ratio</b>	3:2
<b>Lens Mount</b>	E-mount	<b>Number Of Pixels (Effective)</b>	Approx. 24.2 megapixels
		<b>Number of Pixels (total)</b>	Approx. 25.0 megapixels
		<b>Sensor Type</b>	APS-C type (23.5 x 15.6mm), Exmor CMOS sensor
		<b>Anti-Dust System</b>	-
<b>Recording (still images)</b>		<b>Recording (movie)</b>	
<b>Recording Format</b>	JPEG (DCF Ver. 2.0, Exif Ver.2.31, MPF Baseline compliant), RAW (Sony ARW 2.3 format)	<b>Recording Format</b>	XAVC S, AVCHD format Ver. 2.0 compliant
<b>Image Size (pixels) [3:2]</b>	L: 6000 x 4000 (24M), M: 4240 x 2832 (12M), S: 3008 x 2000 (6.0M)	<b>Video Compression</b>	XAVC S: MPEG-4 AVC/H.264, AVCHD: MPEG-4 AVC/H.264
<b>Image Size (pixels) [16:9]</b>	L: 6000 x 3376 (20M), [M]: 4240 x 2400 (10M), [S]: 3008 x 1688 (5.1M)	<b>Audio Recording Format</b>	XAVC S: LPCM 2ch, AVCHD: Dolby Digital (AC-3) 2ch, Dolby Digital Stereo Creator
<b>IMAGE SIZE (PIXELS) [1:1]</b>	L: 4000 x 4000 (16M), [M]: 2832 x 2832 (8.0M), [S]: 2000 x 2000 (4.0M)	<b>Colour Space</b>	xyYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
<b>Image Size (pixels) [Sweep Panorama]</b>	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)	<b>Picture Effect</b>	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)
<b>Image Quality Modes</b>	RAW,RAW & JPEG (Extra fine, Fine, Standard), JPEG (Extra fine, Fine, Standard)	<b>Creative Style</b>	Standard, Vivid, Portrait, Landscape, Sunset, Black & White, Sepia, (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
<b>Picture Effect</b>	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)	<b>Creative Style</b>	Standard, Vivid, Portrait, Landscape, Sunset, Black & White, Sepia, (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
<b>Picture Profile</b>	-	<b>Picture Profile</b>	-
<b>Dynamic Range Functions</b>	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))	<b>Image Size (Pixels), NTSC</b>	XAVC S 4K:3840 x 2160 [30p, 100M], 3840 x 2160 [24p, 60M], XAVC S HD:1920 x 1080 [120p, 100M], 1920 x 1080 [120p, 60M], 1920 x 1080 [60p, 50M], 1920 x 1080 [30p, 50M], 1920 x 1080 [24p, 50M], 1920 x 1080 [60p, 25M], 1920 x 1080 [30p, 16M], AVCHD:1920 x 1080 [60i, 24M, FX], 1920 x 1080 [60i, 17M, FH]
<b>Colour Space</b>	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color	<b>Image Size (pixels), PAL</b>	XAVC S 4K:3840 x 2160 [25p, 100M], 3840 x 2160 [25p, 60M], XAVC S HD:1920 x 1080 [100p, 100M], 1920 x 1080 [100p, 60M], 1920 x 1080 [50p, 50M], 1920 x 1080 [25p, 50M], 1920 x 1080 [50p, 25M], 1920 x 1080 [25p, 16M], AVCHD:1920 x 1080 [50i, 24M, FX], 1920 x 1080 [50i, 17M, FH]
<b>14bit RAW</b>	Yes	<b>SLOW &amp; QUICK MOTION (SHOOTING FRAME RATE)</b>	NTSC mode: 1fps,2fps,4fps,8fps,15fps,30fps,60fps,120fps,PAL mode: 1fps,2fps,3fps,6fps,12fps,25fps,50fps,100fps
<b>Uncompressed RAW</b>	-	<b>SLOW &amp; QUICK MOTION (RECORDING FRAME RATE &amp; IMAGE SIZE)</b>	NTSC mode: 1920x1080 (60p, 30p, 24p), PAL mode: 1920x1080 (50p, 25p)
<b>Recording System</b>		<b>Movie Functions</b>	Audio Level Display,Audio Rec.Level,PAL/NTSC Selector,Proxy Recording (1280 x 720 (Approx.9Mbps)),Auto Slow Shutter,Clean HDMI Info.(ON/OFF selectable)
<b>Location information Link from smartphone</b>	Yes	<b>HDMI Output</b>	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
<b>Media</b>	Memory Stick PRO Duo,Memory Stick PRO-HG Duo,Memory Stick Micro (M2),SD memory	<b>Noise Reduction</b>	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec.,High ISO NR: Normal/Low/Off
		<b>Multi Frame NR</b>	Auto/ISO 100 to 51200

<b>Memory Card Slot</b>	card,SDHC memory card (UHS-I compliant),SDXC memory card (UHS-I compliant),microSD memory card,microSDHC memory card,microSDXC memory card Multi slot for Memory Stick Duo/SD memory card
<b>White Balance</b> <b>White Balance Modes</b>  <b>AWB Micro Adjustment</b> <b>Priority Set in AWB</b> <b>SHUTTER AWB LOCK</b> <b>Bracketing</b>	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 Yes (G7 to M7,57-step) (A7 to B7, 29-step) Yes - 3 frames, H/L selectable
<b>Exposure</b> <b>Metering Type</b> <b>Metering Sensor</b> <b>Metering Sensitivity</b>  <b>Metering Mode</b> <b>Exposure Compensation</b> <b>Exposure Bracketing</b>  <b>AE Lock</b>  <b>Exposure Modes</b>  <b>ISO Sensitivity (Recommended Exposure Index)</b>  <b>Scene Selection</b>	1200-zone evaluative metering Exmor CMOS sensor EV-2 to EV20 (at ISO100 equivalent with F2.0 lens attached) Multi-segment, Center-weighted, Spot +/- 5.0 EV (1/3 EV, 1/2 EV steps selectable) 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. Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto) 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 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) Portrait,Sports Action,Macro,Landscape,Sunset,Night Scene,Hand-held Twilight,Night Portrait,Anti Motion Blur
<b>LCD Screen</b> <b>Monitor Type</b> <b>Number of Dots</b> <b>Touch Panel</b> <b>Brightness Control</b>  <b>Adjustable Angle</b>  <b>Real-time Image Adjustment Display (LCD)</b> <b>Quick Navi</b> <b>Focus Magnifier</b> <b>Zebra</b>  <b>Peaking MF</b>  <b>Others</b>  <b>Display Content</b>	7.5cm (3.0-type) wide type TFT 921,600 dots Yes Manual (5 steps between -2 and +2), Sunny Weather mode Up by approx. 180 degrees, Down by approx. 74 degrees On/Off Yes Yes Focus Magnifier (5.9x, 11.7x) Yes (selectable level + range or lower limit as custom setting) Yes (Level setting: High/Mid/Low/Off, Color: Red/Yellow/Blue/White) White Magic, Grid Line, (Rule of 3rds Grid/Square Grid/Diag. + Square Grid/Off), Movie Marker, (Center/Aspect/Safety Zone/Guide frame) Graphic Display, Display All Info, No Disp. Info, Histogram,For viewfinder, Monitor Off
<b>Shutter</b> <b>Type</b>  <b>Shutter Speed</b>  <b>Flash Sync. Speed</b> <b>Electronic Front Curtain Shutter</b> <b>Silent Shooting</b>	Electronically-controlled, vertical-traverse, focal-plane type Still images:1/4000 to 30 sec, Bulb, Movies: 1/4000 to 1/4 (1/3 steps), up to 1/50 in AUTO mode (up to 1/25 in Auto slow shutter mode) 1/160 sec. Yes (ON/OFF) Yes (ON/OFF)
<b>Flash Control</b> <b>Type</b> <b>Guide No.</b> <b>Flash coverage</b> <b>Control</b> <b>Flash Compensation</b>  <b>Flash Bracketing</b>  <b>Flash Modes</b>  <b>Recycling Time</b> <b>External Flash Compatibility</b>  <b>FE Level Lock</b> <b>Wireless Control</b>	Built-in flash 6 (in meters at ISO 100) 16mm (focal-length printed on the lens body) Pre-flash TTL +/- 3.0 EV (switchable between 1/3 and 1/2 EV steps) 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 off,Autoflash,Fill-flash,Slow Sync.,Rear Sync.,Red-eye reduction (on/off selectable),Wireless control,Hi-speed sync Approx. 4 sec Sony α System Flash compatible with Multi Interface Shoe, attach the shoe adaptor for flash compatible with Auto-lock accessory shoe Yes Yes (Light signal: Available with Fill-flash, Slow
<b>Focus</b> <b>Focus Type</b>  <b>Focus Sensor</b> <b>Focus Point</b>  <b>Focus Sensitivity Range</b>  <b>Focus Mode</b>  <b>Focus Area</b>  <b>Other Features</b>  <b>AF Illuminator</b> <b>AF Illuminator range</b>  <b>Focus type with LA-EA3 (Sold separately)</b>	Fast Hybrid AF (phase-detection AF/contrast-detection AF) Exmor CMOS sensor 425 points (phase-detection AF)/ 425 points (contrast-detection AF) EV-2 to EV20 (ISO100 equivalent with F2.0 lens attached) AF-A (Automatic AF), AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus 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) Eye-start AF (only with LA-EA2 or LA-EA4 attached (Sold separately)), Object Tracking, EYE AF [Still images] (Human(Right/Left Eye Select) /Animal, AF micro adjustment (only with LA-EA2 or LA-EA4 attached (Sold separately)), Predictive control, Focus lock Yes (with Built-in LED type) Approx. 0.3 - approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached) phase-detection
<b>Viewfinder</b> <b>Viewfinder Type</b> <b>Number of Dots</b> <b>Brightness Control (Viewfinder)</b> <b>Color Temperature Control</b> <b>Field Coverage</b> <b>Magnification</b>  <b>Dioptr Adjustment</b> <b>Eye Point</b>  <b>Finder Frame Rate Selection</b> <b>Display Contents</b>	1.0 cm (0.39 type) electronic viewfinder (color) 1,440,000 dots Auto/Manual (5 steps between -2 and +2) Manual (5 steps) 100% Approx. 1.07x (35mm camera equivalent: Approx. 0.70x) with 50mm lens at infinity, -1m <sup>-1</sup> -4.0 - +3.0 m <sup>-1</sup> Approx. 23mm from the eyepiece lens, 21.4mm from the eyepiece frame at -1m <sup>-1</sup> (CIPA standard) - Graphic Display, Display All Info., No Disp. Info., Histogram
<b>Other Features</b> <b>PlayMemories Camera Apps™</b> <b>Clear Image Zoom</b>  <b>Digital Zoom</b>  <b>Face Detection</b>  <b>Self-Portrait Self-timer</b> <b>Others</b>	- Still images:Approx. 2x,Movies:Approx. 1.5x (4K), Approx. 2x (HD) Smart zoom (Still images):M: Approx. 1.4x, S: Approx. 2x, Digital zoom (Still images):L: Approx. 4x, M: Approx. 5.7x, S: Approx. 8x, Digital zoom (Movie):Approx. 4x Modes:Face Priority in AF (On/Off), Face Priority in Multi Metering (On/Off), Regist. Faces Priority (On/Off),Face registration,Max. number of detectable:8 faces Yes Interval Recording (1-60 sec. interval, 1-9999 shots, AE lock/AE tracking(High/Mid/Low)), Smile Shutter :Smile shutter (selectable from 3 steps), Touch Shutter, Touch Focus:Yes (Touch Focus/Touch Pad/Touch Tracking), Bright Monitoring, Help guide, Area Setting, Shop Front Mode, Auto Object Framing (still images)
<b>Image Stabilization</b> <b>Type</b>  <b>Compensation Effect</b>	Not supported (image stabilization supported on lens) -
<b>Drive</b> <b>Drive Modes</b>  <b>Continuous Drive Speed (approx. max.)</b> <b>No. of recordable frames (approx.)</b>  <b>Self-Timer</b>  <b>Pixel Shift Multi Shooting</b>	Single Shooting, Continuous shooting (Hi+/Hi/Mid/Low selectable), Self-timer, Self-timer (Cont.), Bracket: Single, Bracket: Cont., White Balance bracket, DRO bracket Continuous shooting: Hi+: 11 fps, Hi: 8 fps, Mid: 6 fps, Lo: 3 fps JPEG Extra fine L: 76 frames, JPEG Fine L: 77 frames, JPEG Standard L: 77 frames, RAW: 33 frames, RAW&JPG: 31 frames 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) -

Sync., Hi-speed sync./Radio signal: Available with Fill-flash, Rear Sync., Slow Sync., Hi-speed sync.)

<b>Playback</b>		<b>Interface</b>	
<b>Photo Capture Modes</b>	Yes	<b>PC Interface</b>	Mass-storage, MTP, PC remote
	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	<b>Multi / Micro USB Terminal</b>	Yes Yes (NFC forum Type 3 Tag compatible), One-touch remote, One-touch sharing
		<b>Wireless LAN (Built-In)</b>	Yes (Wi-Fi Compatible, IEEE 802.11b/g/n (2.4GHz band)), View on Smartphone, Remote control via Smartphone, Send to Computer, View on TV
		<b>Bluetooth</b>	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
		<b>HD Output</b>	HDMI micro connector (Type-D), BRAVIA Sync (Control for HDMI), PhotoTV HD, 4K movie output/4K still image PB
		<b>Multi Interface Shoe</b>	Yes
		<b>Mic Terminal</b>	Yes (3.5 mm Stereo minijack)
		<b>DC IN Terminal</b>	-
		<b>Sync Terminal</b>	-
		<b>Headphone Terminal</b>	-
		<b>Vertical Grip Connector</b>	-
		<b>PC Remote</b>	Yes
<b>Audio</b>		<b>Print</b>	
<b>Microphone</b>	Built-in stereo microphone	<b>Compatible Standards</b>	Exif Print, Print Image Matching III, DPOF setting
<b>Speaker</b>	Built-in, monaural		
<b>Custom function</b>		<b>Lens Compensation</b>	
<b>Type</b>	Custom key settings, Programmable Setting (Body 3 sets / memory card 4 sets), My Menu	<b>Setting</b>	Peripheral Shading, Chromatic Aberration, Distortion
<b>Power</b>		<b>Others</b>	
<b>Supplied Battery</b>	One rechargeable battery pack NP-FW50	<b>Operating Temperature</b>	32 - 104 degrees F / 0 - 40 degrees C
<b>Battery Life (Still Images)</b>	Approx. 380 shots (Viewfinder) / Approx. 420 shots (LCD monitor) (CIPA standard)		
<b>Battery Life (Movie, actual recording)</b>	Approx. 70 min (Viewfinder) / Approx. 75 min (LCD monitor) (CIPA standard)		
<b>Battery Life (Movie, continuous recording)</b>	Approx. 125 min (Viewfinder) / Approx. 125 min (LCD monitor) (CIPA standard)		
<b>Internal Battery Charge</b>	Yes		
<b>External Power</b>	AC Adaptor AC-PW20 (sold separately)		
<b>Power consumption with Viewfinder</b>	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)		
<b>Power consumption with LCD screen</b>	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)		
<b>USB Power supply</b>	Yes		
<b>Size &amp; Weight</b>			
<b>Weight (with battery and memory card included)</b>	Approx. 396 g / 14.0 oz*		
<b>Dimensions (W x H x D)</b>	Approx. 120.0mm x 66.9mm x 59.4mm, Approx. 120.0mm x 66.9mm x 49.9mm (from grip to monitor) / Approx. 4 3/4 x 2 3/4 x 2 3/8 inches, Approx. 4 3/4 x 2 3/4 x 2 inches (from grip to monitor)		

## Features

### Unparalleled AF performance for breathtaking shots

Fast, accurate autofocus captures fleeting moments in stunning detail, thanks to a combination of innovative technologies. A total of 425 phase-detection AF points work in conjunction with contrast-detection AF to achieve a remarkable 0.02-sec. acquisition speed, while High-density AF Tracking Technology reliably follows even erratically moving subjects.

### Reliable Real-time Eye AF for better portrait shots

The camera's Real-time Eye AF system detects and autofocuses on the eyes of your subjects when you half-press the shutter, and you can even prioritise your subject's left or right eye. When AF-C is set it maintains a stable focus even when the face is partially hidden or backlit, or the subject is facing downwards.

### High-speed continuous shooting with AF/AE tracking

Capture every instant of fast-moving action with continuous shooting at up to 11fps, or 8fps in silent-shutter mode, and for up to 77 frames. Display lag has been minimised so, even in the live-view mode, up to 8fps can be precisely captured. Continuously shot images can conveniently be displayed in groups in playback mode.

### Versatile touch operations

The camera's LCD panel supports intuitive touch operations such as Touch Pad (to smoothly move the focus point), Touch Focus (to set the focus point), Touch Shutter (to release the shutter), and Touch Tracking (to activate Real-Time AF).

### Easy manual focus with clearly visible peaking

When you're using manual focus the camera will colour-highlight the most sharply focused section of the entire image area. Selectable high contrast peaking colours include blue, red, yellow and white, giving you clear visibility of in-focus areas when you're doing the delicate focusing required for macro or portrait shooting.

### Stunning image quality, low noise and a wide ISO range

The camera has a wide sensitivity range of ISO 100-32000, expanded up to 51200 for stills. Even when you're shooting at high sensitivity in dim lighting, excellent low-noise performance ensures high-quality images. By applying noise reduction and sharpness processing selectively across the frame, Area-specific Noise Reduction and Detail Reproduction Technology contribute to fine reproduction of subject textures and shadow details.

### Creative Style and Picture Effect

With the camera's Creative Style feature you can choose settings like "Vivid" or "Portrait" to create a specific look for your photo, and fine-tune an image's exposure, contrast, colour saturation and sharpness. Picture Effect provides effects like "Partial Colour" and "Miniature" to add some creative flair to your shots.

### 4K movie recording in high-bit-rate XAVC S format

Super 35mm format, 4K movie recording with full pixel readout and no pixel binning allows oversampling of around 2.4x the image information needed for 4K (QHD: 3840 x 2160). By downscaling from the equivalent of 6K resolution, captured video's benefit from even more realism and depth. The high-bit-rate (up to 100Mbps for 4K 30p/24p) XAVC S video codec ensures professional-quality images in a consumer-friendly format.

### Slow and Quick motion and high-speed 120fps recording

Slow motion (at up to 5x) and quick motion (at up to 60x) video can be produced in-camera, with no post-processing required, at up to Full HD resolution. Additionally, high bit-rate (up to 100Mbps) and high frame-rate (up to 120p) Full HD recordings can be used to create slow-motion movies in post-production.

### Support for high-quality mic and audio input

An external microphone can be attached directly via the camera's microphone jack, and you also have an option for line and 48V phantom powered input using the separately available XLR adaptor kit. This allows the connection of a wide range of high-end microphones for better audio in your movie recordings.

### 180°-tiltable LCD screen

The 3.0-type LCD monitor offers 921k-dot resolution for a clear view of what you're shooting. It's designed to tilt upward a full 180° and downward by 74° for easy framing of

### Real-time Tracking maintains steady focus on your subject

When you're tracking a fast-moving subject, the camera's automatic motion tracker uses an AI subject recognition algorithm that draws on colour, pattern (brightness), subject distance (depth) and face/eye information to recognise and maintain focus on your subject.

### Real-time Eye AF for animal

The subject-recognition technology used in Real-time Eye AF has been adapted to support animal as well as human. When activated, it provides fast, precise, automatic detection and tracking of animals' eyes, for better pet portraits and wildlife shots.

### Accurate autofocus even in dim lighting

Highly accurate autofocus is possible even in dark settings, thanks to the camera's sophisticated AF algorithm. High AF sensitivity means reliable AF-S autofocus all the way down to EV -2.

### Focus Magnifier for finer focus adjustment in both MF/AF modes

When extra-accurate focus is called for, such as when you're taking macro shots, you can display a magnified view of the general area you want to focus on. You can then finely adjust the exact point of focus using the touchscreen or the focus point selector.

### An innovative image-processing system

The camera's APS-C size, 24.2-megapixel Exmor™ CMOS sensor provides a wide sensitivity range and excellent low-noise performance. In conjunction with the latest-generation BIONZ X™ image processing engine, it delivers beautiful, high-resolution images with superior image clarity and texture reproduction.

### 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.

### 14-bit RAW output for rich tonal gradation

True 14-bit RAW images are delivered via a high-performance LSI and the BIONZ X image processor. To retain the smoothest, most natural tonal gradations, all processing occurs at 16-bit, preventing any dithering or processing errors from being introduced into the final 14-bit RAW image output. [1] Image Sensor [2] The latest high-speed front-end LSI [3] 16-bit image processing

### Steady, precise AF tracking for better movies

Fast Hybrid AF provides high speed, accuracy and excellent tracking performance to meet the stringent autofocus demands of 4K movies. AF tracking sensitivity can be adjusted for either stable focus or responsive refocusing, depending on the nature of the scene, and Touch Tracking lets you initiate tracking of a moving subject simply by touching the LCD screen.

### Sophisticated capabilities for high-quality movie-making

The α6100 is ready for videography workflows, with clean HDMI output, variable framerates, and proxy recording. In addition, a range of functions are included to enhance movie recording accuracy, such as the display of overlay markers or gridlines, zebra exposure metering, or ISO values when shooting with ISO Auto. It's also easy to extract still frames directly from your movies in playback mode.

### Interval Shooting for time-lapse movies

Interval Shooting with a set interval between 1 and 60 seconds is available within the camera, and the resulting still images can be edited into a time-lapse movie on a PC. A simple variable-speed preview function allows you to see images on the camera showing how the finished movie will look.

### Square aspect ratio tailored for social media

In addition to 3:2 and 16:9 aspect (width-to-height) ratios, you can also select a 1:1 aspect ratio – ideal for sharing images on social media platforms. This means that you

vlogs and selfies and more convenient low-angle and high-angle shooting.

no longer need to hand-trim your images after shooting when you're planning to post them.

#### Custom functions for smoother operation

Up to eight of the camera's keys and controls can be custom-assigned to any of 89 shooting and replay functions. The My Menu feature allows flexible assignment of 30 menu items, and the custom settings screen helps keep track of everything. Helpful guides for menu items are also available with a single button press on the menu screen.

#### Simple control over white-balance settings

Custom setting of white balance is simple to adjust, and you can select an AWB priority setting when shooting with incandescent lighting – either warmer Atmosphere Priority, or White Priority for purer whites.

#### One-touch remote, One-touch sharing, location information

The One-touch remote feature lets you use your mobile device as a viewfinder and remote control. One-touch sharing allows you to transfer photos and videos to a mobile device for social media sharing. The camera can also use your mobile phone's location data via Bluetooth® to geo-tag your images. (These mobile device functions are available via Sony's Imaging Edge Mobile app.)

#### Still-image ratings and deletion protection

During playback mode, still images can be given ratings and protected from deletion. Both these functions can be accessed via pre-assigned custom keys.

#### Versatile flash functions

When shooting with compatible wireless flash units, rear-curtain sync and slow sync can be selected – part of the camera's range of creative options for lighting.

#### Imaging Edge desktop applications

Elevate your photography with the Imaging Edge desktop applications. Use "Remote" to control and monitor live shooting from 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.

### Optional Accessories

#### SEL70350G

Exquisite detail from 70 to 350mm

#### SEL1655G

Fast F2.8 APS-C standard zoom

#### NP-FW50

Get longer battery life and faster charging for your camera

#### NPA-MQZ1K

Multi-functional battery adaptor for NP-FZ100 Z-series batteries

#### HVL-F20M

Compact, easy-to-use flash for advanced lighting

#### HVL-F32M

Versatile flash in a slim, compact package

#### HVL-F45RM

High-power GN45 flash with built-in wireless radio control

#### HVL-F60RM

High GN60 power, high-speed flash with Quick Shift Bounce

#### CLM-FHD5

More spectacular views in Full HD glory

#### ECM-GZ1M

Targeted sound recording

#### ECM-XYST1M

Record stereo sound in full detail

#### ECM-CG60

Pick up just the sound that you aim for

#### XLR-K2M

Enhance every word with the XLR-K2M Adapter Kit and microphone

#### RMT-P1BT

This wireless remote commander via Bluetooth wireless technology offers outstanding reliability and positive control for professional still and movie shooting needs.

#### RM-SPR1

Keep photos in focus

#### RM-VPRI1

Easily control a camera's shutter release, video record and zoom

#### VCT-P300

Shoot steady with a stronger, lighter tripod

#### STP-XH70

Shoulder strap in genuine leather

#### ADP-MAA

Fit a greater choice of accessories to your camera

#### ALC-B1EM

Protect your camera body from dirt and dust

#### FDA-EP10

Eyepiece cup for interchangeable-lens cameras

#### VCT-55LH

Add more accessories to your camera with a versatile bracket

#### SEL35F18F

A fast, versatile prime for all occasions

#### SEL18135

Lightweight, compact, high-magnification zoom lens

#### GP-VPT1

Steady shooting with precision control

#### SELP18105G

Smooth, precise zooming for movies and still photos