

ILCE-7C

Alpha 7C Compact full-frame camera

Smaller and lighter with no-compromise full-frame performance

The α7C is the smallest and lightest full-frame camera with optical in-body image stabilisation. Breakthroughs in mechanical packaging and structural design bring no-compromise full-frame camera performance for powerfully simple still and movie content creation.

- The world's smallest and lightest stabilised full-frame camera body
- 24.2 megapixel full-frame Exmor R™ CMOS image sensor
- Versatile 4K movie recording for creators



Technical Summary

Icon Description

- The world's smallest and lightest compact body, with no-compromise full-frame camera performance
- Powerful BIONZ X™ image processing for spectacular image quality
- Advanced AF performance and functions
- High-resolution 4K movies and a wealth of expression-expanding movie functions
- Operability and reliability for comfortable and confident shooting

Key Technical Specification

- **Sensor Type**
35mm full frame (35.6 x 23.8mm), Exmor R CMOS sensor
- **Number Of Pixels (Effective)**
Approx. 24.2 megapixels
- **ISO Sensitivity (Recommended Exposure Index)**
Still images: ISO 100-51200 (ISO numbers up from ISO 50 to ISO 204800 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit), Movies: ISO 100-51200 equivalent (ISO numbers up to ISO 102400 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit)
- **Battery Life (Still Images)**
Approx. 680 shots (Viewfinder) / approx. 740 shots (LCD monitor) (CIPA standard)
- **Viewfinder Type**
1.0 cm (0.39 type) electronic viewfinder (XGA OLED)
- **Monitor Type**
7.5cm (3.0-type) type TFT

What's in the box?

- Rechargeable Battery, NP-FZ100, AC adaptor, Shoulder strap, Body cap, Accessory shoe cap, USB-A to USB-C cable (USB 3.2)

Specifications

Lens		Image Sensor	
Lens Mount	E-mount	Aspect Ratio	3:2
		Number Of Pixels (Effective)	Approx. 24.2 megapixels
		Number of Pixels (total)	Approx. 25.3 megapixels
		Sensor Type	35mm full frame (35.6 x 23.8mm), Exmor R CMOS sensor
		Anti-Dust System	Yes (Charge protection coating on optical filter and image sensor shift mechanism)
Recording (still images)		Recording (movie)	
Recording Format	JPEG (DCF Ver. 2.0, Exif Ver.2.32, MPF Baseline compliant), RAW (Sony ARW 2.3 format)	Recording Format	XAVC S
Image Size (pixels) [3:2]	35mm full frame L: 6000 x 4000 (24M), M: 3936 x 2624 (10M), S: 3008 x 2000 (6.0M), APS-C L: 3936 x 2624 (10M), M: 3008 x 2000 (6.0M), S: 1968 x 1312 (2.6M)	Video Compression	XAVC S: MPEG-4 AVC/H.264
IMAGE SIZE (PIXELS) [4:3]	35mm full frame L: 5328 x 4000 (21M), M: 3488 x 2624 (9.2M), S: 2656 x 2000 (5.3M), APS-C L: 3488 x 2624 (9.2M), M: 2656 x 2000 (5.3M), S: 1744 x 1312 (2.3M)	Audio Recording Format	XAVC S: LPCM 2ch
Image Size (pixels) [16:9]	35mm full frame L: 6000 x 3376 (20M), M: 3936 x 2216 (8.7M), S: 3008 x 1688 (5.1M), APS-C L: 3936 x 2216 (8.7M), M: 3008 x 1688 (5.1M), S: 1968 x 1112 (2.2M)	Colour Space	xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color
IMAGE SIZE (PIXELS) [1:1]	35mm full frame L: 4000 x 4000 (16M), M: 2624 x 2624 (6.9M), S: 2000 x 2000 (4.0M), APS-C L: 2624 x 2624 (6.9M), M: 2000 x 2000 (4.0M), S: 1312 x 1312 (1.7M)	Picture Effect	7 types: Toy Camera (Normal / Cool / Warm / Green / Magenta), Pop Color, Posterization (Color, B/W), Retro Photo, Soft High-key, Partial Color (R/G/B/Y), High Contrast Monochrome
Image Quality Modes	RAW (Compressed / Uncompressed), JPEG (Extra fine / Fine / Standard), RAW & JPEG	Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black & White, Sepia, Style Box (1-6)
Picture Effect	8 types: Toy Camera (Normal / Cool / Warm / Green / Magenta), Pop Color, Posterization (Color, B/W), Retro Photo, Soft High-key, Partial Color (R/G/B/Y), High Contrast Monochrome, Rich-tone Monochrome	Picture Profile	Yes (Off / PP1-PP10) Parameters: Black level, Gamma (Movie, Still, Cine 1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black & White, Sepia, Style Box (1-6)	CREATIVE LOOK	-
Picture Profile	Yes (Off / PP1-PP10) Parameters: Black level, Gamma (Movie, Still, Cine 1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset	MOVIE RECORDING SYSTEM (XAVC S 4K)	3840 x 2160 (4:2:0, 8bit, NTSC) (Approx.) 30p (100Mbps / 60Mbps), 3840 x 2160 (4:2:0, 8bit, PAL) (Approx.) 25p (100Mbps / 60Mbps)
CREATIVE LOOK	-	MOVIE RECORDING SYSTEM (XAVC S HD)	1920 x 1080 (4:2:0, 8bit, NTSC) (Approx.) 120p (100Mbps / 60Mbps), 1920 x 1080 (4:2:0, 8bit, NTSC) (Approx.) 60p (50Mbps / 25Mbps), 1920 x 1080 (4:2:0, 8bit, NTSC) (Approx.) 30p (50Mbps / 16Mbps), 1920 x 1080 (4:2:0, 8bit, NTSC) (Approx.) 24p (50Mbps), 1920 x 1080 (4:2:0, 8bit, PAL) (Approx.) 100p (100Mbps / 60Mbps), 1920 x 1080 (4:2:0, 8bit, PAL) (Approx.) 50p (50Mbps / 25Mbps), 1920 x 1080 (4:2:0, 8bit, PAL) (Approx.) 25p (50Mbps / 16Mbps)
Dynamic Range Functions	Off, Dynamic Range Optimizer, Auto High Dynamic Range	SLOW & QUICK MOTION (SHOOTING FRAME RATE)	NTSC mode: 1fps, 2fps, 4fps, 8fps, 15fps, 30fps, 60fps, 120fps, PAL mode: 1fps, 2fps, 3fps, 6fps, 12fps, 25fps, 50fps, 100fps
Colour Space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color	Movie Functions	Audio Level Display, Audio Rec Level, PAL/NTSC Selector, TC/UB, Auto Slow Shutter, Gamma Disp. Assist
14bit RAW	Yes	Noise Reduction	
Recording System		Noise Reduction	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: Normal / Low / Off
Location information Link from smartphone	Yes		
Media	SD memory card, SDHC memory card (UHS-I/II compliant), SDXC memory card (UHS-I/II compliant)		
Memory Card Slot	Slot for SD (UHS-I/II compliant) memory card		
Recording mode on 2 memory cards			
White Balance		Focus	

White Balance Modes	Auto / Daylight / Shade / Cloudy / Incandescent / Fluorescent / Flash / Underwater / Color Temperature (2500 to 9900K) & color filter / Custom	Focus Type	Fast Hybrid AF (phase-detection AF / contrast-detection AF)
SHUTTER AWB LOCK	Yes (Shut. Halfway Down / Cont. Shooting / Off)	Focus Sensor	Exmor R CMOS sensor
		Focus Point	35mm full frame: 693 points (phase-detection AF), APS-C mode with FF lens: 299 points (phase-detection AF), with APS-C lens: 221 points (phase-detection AF) / 425 points (contrast-detection AF)
		Focus Sensitivity Range	EV-4 to EV20 (ISO100 equivalent with F2.0 lens attached)
		Focus Mode	AF-A (Automatic AF), AF-S (Single-shot AF), AF-C (Continuous AF), DMF (Direct Manual Focus), Manual Focus
		Focus Area	Wide / Zone / Center / Flexible Spot / Expanded Flexible Spot / Tracking
		EYE AF	[Still images] Human (Right/Left Eye Select) / Animal, [Movie] Human (Right/Left Eye Select) / Animal
		Other Features	Eye-start AF (only with LA-EA2 or LA-EA4 attached (Sold separately)), AF micro adjustment (with LA-EA2 or LA-EA4 (Sold separately)), Predictive control, Focus lock, AF Track Sens. (Still), AF Subj. Shift Sensitivity (Movie), AF Transition Speed (Movie), Switch V/H AF Area, AF Area Regist., Circ. of Focus Point
		AF Illuminator	Yes (with Built-in LED type)
		AF Illuminator range	Approx. 0.3m - approx. 3.0m (with FE 28-70mm F3.5-5.6 OSS lens attached)
		Focus type with LA-EA3 (Sold separately)	Phase-detection
Exposure Metering Type	1200-zone evaluative metering	Viewfinder	
Metering Sensor	Exmor R CMOS sensor	Viewfinder Type	1.0 cm (0.39 type) electronic viewfinder (XGA OLED)
Metering Sensitivity	EV-3 to EV20 (ISO100 equivalent with F2.0 lens attached)	Number of Dots	2,359,296 dots
Metering Mode	Multi-segment, Center-weighted, Spot (Standard / Large), Entire Screen Avg., Highlight	Field Coverage	100%
Exposure Compensation	+/- 5.0EV (1/3 EV, 1/2 EV steps selectable) (with exposure compensation dial: +/- 3EV (1/3 EV steps))	Magnification	Approx. 0.59x (with 50mm lens at infinity, -1m ⁻¹)
Exposure Bracketing	Bracket: Cont., Bracket: Single, 3/5/9 frames selectable. (Ambient light, Flash light)	Dioptre Adjustment	-4.0 to +3.0m ⁻¹
AE Lock	Locked when shutter button is pressed halfway. (On/Off/Auto)	Eye Point	Approx. 20mm from the eyepiece lens, 17.5mm from the eyepiece frame at -1m ⁻¹ (CIPA standard)
Exposure Modes	AUTO (iAuto), 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))	DISPLAY FUNCTION	Histogram, Real-time image adjustment display, Digital level gauge, Grid line, Focus check, Peaking MF, Zebra, Movie marker, For viewfinder, Monitor Off
ISO Sensitivity (Recommended Exposure Index)	Still images: ISO 100-51200 (ISO numbers up from ISO 50 to ISO 204800 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit), Movies: ISO 100-51200 equivalent (ISO numbers up ISO 102400 can be set as expanded ISO range.), AUTO (ISO 100-12800, selectable lower limit and upper limit)	Finder Frame Rate Selection	NTSC mode: STD 60fps / HI 120fps, PAL mode: STD 50fps / HI 100fps
Anti-flicker Shoot. Scene Selection	Yes -		
LCD Screen		Other Features	
Monitor Type	7.5cm (3.0-type) type TFT	PlayMemories Camera Apps™	-
Number of Dots	921,600 dots	Clear Image Zoom	Still images: Approx. 2x, Movies: Approx. 1.5x (4K), Approx. 2x (HD)
Touch Panel	Yes (Touch shutter / Touch focus / Touch pad / Touch tracking)	Digital Zoom	Smart zoom (Still images): 35mm full frame: M: approx. 1.5x, S: approx. 2x / APS-C: M: approx. 1.3x, S: approx. 2x, Digital zoom (Still images): 35mm full frame: L: approx. 4x, M: approx. 6.1x, S: approx. 8x / APS-C: L: approx. 4x, M: approx. 5.2x, S: approx. 8x, Digital zoom (Movie): 35mm full frame: approx. 4x, APS-C: approx. 4x
Brightness Control	Manual (5 steps between -2 and +2), Sunny Weather mode	Face Detection	Face Priority in AF, Face Priority in Multi Metering, Regist. Faces Priority
Adjustable Angle	Opening Angle: Approx. 176 deg., Rotation Angle: Approx. 270 deg.	Self-Portrait Self-timer	-
Focus Magnifier	Yes, Focus Magnifier (35mm full frame: 5.9x / 11.7x, APS-C: 3.8x / 7.7x)	Others	Interval Recording, ISO AUTO Min. SS, Bright Monitoring, Copyright Info, Set File Name, Help guide, Video Light Mode, Zoom Ring Rotate
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane type	Image Stabilization Type	Image Sensor-Shift mechanism with 5-axis compensation (Compensation depends on lens specifications)
Shutter Type	Mechanical shutter / Electronic shutter	Compensation Effect	5 stops (based on CIPA standard. Pitch/yaw shake only. With Planar T* FE 50mm F1.4 ZA lens mounted. Long exposure NR off.)
Shutter Speed	Still images: Mechanical Shutter: 1/4000 to 30 sec., Bulb, Electronic Shutter: 1/8000 to 30 sec., Movies (NTSC mode): 1/4000 to 1/4 (1/3 steps), up to 1/60 in AUTO mode (up to 1/30 in Auto slow shutter mode), Movies (PAL mode): 1/4000 to 1/4 (1/3 steps), up to 1/50 in AUTO mode (up to 1/25 in Auto slow shutter mode)		
Flash Sync. Speed	1/160 sec.		
Electronic Front Curtain Shutter	Yes		
Silent Shooting	Yes (ON/OFF)		
Flash Control Type	-	Drive	
Guide No.	-	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
Flash coverage Control	Pre-flash TTL[[F_DI0181]]	Continuous Drive Speed (approx. max.)	Continuous shooting: Hi+: 10 fps, Hi: 8 fps, Mid: 6 fps, Lo: 3 fps
Flash Compensation	+/- 3.0 EV (switchable between 1/3 and 1/2 EV steps)	No. of recordable frames (approx.)	JPEG Extra fine L: over 215 frames, JPEG Fine L: over 223 frames, JPEG Standard L: over 223 frames, RAW: over 115 frames, RAW & JPEG: over 86 frames, RAW (Uncompressed): over 45 frames, RAW (Uncompressed) & JPEG: over 39 frames
Flash Modes	Flash off, Auto flash, Fill-flash, Slow Sync., Rear Sync., Red-eye reduction (on/off selectable), Wireless, Hi-speed sync.	Self-Timer	10 sec. delay / 5 sec. delay / 2 sec. delay / Continuous self-time / Bracketing self-timer
Recycling Time	-	Pixel Shift Multi Shooting	-
External Flash Compatibility	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		
Wireless Control	Yes (Light signal: Available with Fill-flash, Slow Sync., Hi-speed sync. / Radio signal: Available with Fill-flash, Rear Sync., Slow Sync., Hi-speed sync.)		
Playback Photo Capture Modes	Yes Single (with or without shooting information Y RGB histogram & highlight / shadow warning), Index	Interface	
		PC Interface	Mass-storage / MTP
		Multi / Micro USB Terminal	USB Type-C® SuperSpeed USB 5Gbps (USB 3.2) compatible

view, Enlarge display mode (L: 18.8x, M: 12.3x, S: 9.4x), Auto Review, Image orientation, Slideshow, Folder selection (Date / Still / XAVC S HD / XAVC S 4K), Protect, Rating, Display as Group

Bluetooth

Multi Interface Shoe	Yes (with Digital Audio Interface)
Mic Terminal	Yes (3.5 mm Stereo minijack)
Sync Terminal	-
Headphone Terminal	Yes (3.5 mm Stereo minijack)
Vertical Grip Connector	-
LAN Terminal	-
FUNCTIONS	FTP Transfer Func. (Wi-Fi), View on Smartphone, Remote control via Smartphone, NFC One-touch remote, NFC One-touch sharing, PC Remote, BRAVIA Sync (Control for HDMI), PhotoTV HD

Audio	
Microphone	Built-in, stereo
Speaker	Built-in, monaural

Custom function	
Type	Custom key settings, Programmable Setting (Body 3 sets /memory card 4 sets), My Dial Settings, My Menu, Reg Cust Shoot Set

Power	
Supplied Battery	One rechargeable battery pack NP-FZ100
Battery Life (Still Images)	Approx. 680 shots (Viewfinder) / approx. 740 shots (LCD monitor) (CIPA standard)
Battery Life (Movie, actual recording)	Approx. 140 min. (Viewfinder) / Approx. 140 min. (LCD monitor) (CIPA standard)
Battery Life (Movie, continuous recording)	Approx. 220 min. (Viewfinder) / Approx. 215 min. (LCD monitor) (CIPA standard)
Internal Battery Charge	Yes
Power consumption with Viewfinder	Still images: approx. 2.9W (with FE 28-60mm F4-5.6 OSS lens attached), Movies: approx. 4.5W (with FE 28-60mm F4-5.6 OSS lens attached)
Power consumption with LCD screen	Still images: approx. 2.7W (with FE 28-60mm F4-5.6 OSS lens attached), Movies: approx. 4.6W (with FE 28-60mm F4-5.6 OSS lens attached)
USB Power supply	Yes

Size & Weight	
Weight (with battery and memory card included)	Approx. 509 g / Approx. 1lb 2.0 oz (Body Only): Approx. 424 g / Approx. 0 lb 15.0 oz)
Dimensions (W x H x D)	124.0mm x 71.1mm x 59.7mm, 124.0mm x 71.1mm x 53.5mm (FROM GRIP TO MONITOR) / 5 x 2 7/8 x 2 3/8 inches, 5 x 2 7/8 x 2 1/8 inches (FROM GRIP TO MONITOR)

Features

The world's smallest and lightest full-frame system

Introducing the smallest and lightest full-frame digital interchangeable-lens system with optical in-body image stabilisation (with FE 28-60mm F4-5.6 lens). Without compromising the performance of a full-frame camera, the component layout, body structure and internal mechanisms are all thoroughly reimagined. Operability and toughness have been optimised within a body that is approximately 19% smaller in volume and 22% lighter than the α7 III, at only 509 grams.

Faithfully capture what you see

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-stop wide dynamic range and smoother gradations from shadows to highlights. Excellent subjective resolution and reduced noise pair with precise colour reproduction for beautifully accurate skin tones and natural textures.

Impressive low-light images

With its large pixel size, in dimly lit situations or at high shutter speeds, the camera takes beautiful pictures with low noise, even when in the high sensitivity range. Standard ISO is from 100 up to ISO 51200 (expandable from ISO 50 to ISO 204800). Noise reduction is designed to be particularly effective in the common mid-sensitivity range to faithfully reveal textures and detail in shadows.

The engine that powers your images

The BIONZ X image processing engine reflects Sony's expertise in imaging technologies. It 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. Combined with the Sony sensor, it delivers excellent colour reproduction, noise reduction, and low-light performance.

Stay focused anytime, anywhere

Autofocus is improved by optimally applying the advancements of the α9, including the unique 4D FOCUS for wide-area, ultra-fast and steadfast tracking over time. With 693 phase-detection and 425 contrast-detection AF points, the sensor provides wide and high-density AF covering approx. 93% of the image.

Capture the eyes to capture the shot

Real-time Eye AF 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 supports all AF modes, and when [Face/Eye Priority in AF] is set to ON, it's activated three ways: custom key, half-pressing the shutter, or AF-ON button.

Activate Real-time Tracking anytime, with AF-ON button

When the focus mode is AF-S, AF-A, AF-C, or DMF, Real-time Tracking can now be activated by the AF-ON button. This is a convenient way to capture moving subjects in snap shots even with the focus mode set to AF-S. Being able to initiate Real-time Tracking simply with a thumb press anytime under AF modes expands your shooting possibilities.

Don't miss the best shot of a moving subject

The α7C is capable of continuous shooting at up to 10 fps with AF/AE tracking, and up to 8 fps in live-view mode to keep focus on a moving subject and capture precise moments. When combined with silent shooting at up to 10 fps, it becomes possible to photograph in sound-sensitive environments, or capture active babies or pets without shutter sounds disturbing them.

Take 4K movies to a higher level

Enjoy shooting movies with the depth of field control, beautiful bokeh, and the clean low-light scenes only possible with a full-frame sensor. The α7C shoots 4K (QFHD: 3840x2160) using full-pixel readout and 6K oversampling, for exceptional detail with minimal moiré and jaggies.

In-camera high-speed, slow motion effects

It's easy to create movies in-camera at frame rates from 1 to 120/100 fps for up to 60x quick motion and 5x slow motion in Full HD resolution. Turn everyday motion into extraordinary artistic moments with ease, to add drama and excitement to your movies.

Clear digital audio recording

The α7C supports a digital audio interface through the camera's Multi Interface (MI) Shoe. A digital microphone like the ECM-B1M Shotgun Microphone or XLR-K3M XLR Adaptor Kit provide clear digital audio for all kinds of movie recording, enhancing the sound to match the image. Like other MI shoe accessories, no cables or batteries are required, providing unrestrained freedom for movie-making.

Easy vlogging with a cable-free shooting grip

The compact and lightweight α7C is ideal for high-quality imaging during travel and vlogging. For easy one-handed shooting the GP-VPT2BT grip, via wireless Bluetooth® connection, puts key camera functions including zoom, record and shutter controls in

Print	
Compatible Standards	Exif Print, Print Image Matching III, DPOF setting

Lens Compensation	
Setting	Peripheral Shading, Chromatic Aberration, Distortion

Others	
Operating Temperature	32 - 104 degrees F / 0 - 40 degrees C

Expressiveness only possible with a full-frame sensor

A 35-mm full-frame image sensor is about 30x larger than a 1/2.3-type smartphone sensor and even 2.3x larger than an APS-C sensor. By capturing significantly more light, it opens up new creative possibilities 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.

Stunning bokeh, enabled by a full-frame sensor

Bokeh is selective focus with a blurred background that makes the subject stand out. Portraits or close ups are enhanced with new meaning and depth. The α7C, with its full-frame sensor, can achieve bokeh when a smaller sensor-size camera with the same f-stop lens might not. When paired with over 50 lenses available from Sony, the α7C becomes an excellent choice for creative photographic composition and movie creation.

Express yourself with E-mount lenses

Over 50 Sony E-mount lenses enable broad creative expression, and a full-frame sensor allows you to leverage the full capabilities of Sony lenses. From wide angles, to enhanced creative compression effects on telephoto lenses, with the full-frame α7C the possibilities are endless.

Shoot sharp images without hand shake

5-axis image stabilisation lets you zoom, get close-ups and capture night scenes with greater clarity. Compensation is equivalent to a 5.0-step faster shutter speed. [1] Pitch [2] Yaw: for long focal lengths, [3] Horizontal [4] Vertical: for side ways/up-down during close-ups and macros, [5] Roll: for rotation during long exposures

Continuous focus on active subjects

When you're tracking a fast-moving subject, the camera can utilise built-in AI-based Real-time Tracking. This subject recognition algorithm draws on colour, pattern (brightness), subject distance (depth), and face/eye information to recognise and hold onto your subject.

Capture focus with animal eyes, too

With cutting-edge algorithms, the α7C supports Real-time Eye AF with animal eyes. Focus on the eye instead of the nose or whiskers will greatly increase your success in capturing images of animals, from favourite pets at home to unpredictable wildlife. Tracking continues even if the subject is partially obscured or if your camera orientation changes.

Intuitive touch operation and display

When using Real-time Tracking, etc., touching the LCD monitor can initiate autofocus for both stills and movies. Touching the LCD monitor under selected settings, such as this allows for intuitive AF operation. When not using AF, focus can be checked with a quick glance at the LCD monitor. In DMF or manual focus (MF) modes, it brings up a peaking function that colour-highlights the area of sharpest focus to adjust the focus point. Choose from four peaking colours for best visibility or contrast. This is especially effective when delicate focusing is required like shooting with a macro lens.

Autofocus that works when it is getting dark

Advanced algorithms contribute to high autofocus and distance measurement precision even at light levels as low as EV-4 in the AF-S mode, allowing for shots with precise AF even when scenes are dark.

Movie-making profiles for expressive creativity

With S-Log3 gamma profiles you can capture the full dynamic range of a scene, with up to 14-stops giving you access to fine details and gradations in both shadows and highlights during post-production. Alternatively, the HLG (Hybrid Log-Gamma) mode allows for direct HDR movie playback and workflows. In addition, the α7C has various Picture Profile settings to expand your possibilities for movie making.

Designed for movie-making

The MOVIE button has been moved to the top panel to improve access when shooting from different angles, including from waist-level and for selfie or vlogging shots. Also, the α7C codes vertical orientation in metadata so after uploading to social media via a smartphone, the newly popular vertical movie format plays back correctly, eliminating the need for post editing on a PC.

Expandable video creativity

External mic and headphone jacks help you customise your movie shooting process. The headphone jack supports high-quality headphones for accurate sound monitoring, and the audio output timing can be set to Live for optimum monitoring or Lip Sync to sync video and audio outputs together. You can connect a wide variety of external microphones to the mic input for great sound in varied environments.

External flash control from the camera

Most settings, including light output, of an attached compatible flash or Wireless Radio Commander (both sold separately) can be controlled via a camera menu with changes showing on the flash display. With compatible flash units, a new auto white

easy reach and even connects to a mini-tripod. Match it with the ECM-B1M microphone for a compact, cable-free vlogging system.

Sharing to the world with Wi-Fi®

Wi-Fi® (2.4GHz or 5GHz) enables remote wireless shooting using Imaging Edge™ Desktop and Imaging Edge Mobile™ apps, for shooting creative angles, previewing, control, and transfer to PCs and mobile devices for distant selfies. After shooting, you can quickly save or share images around the world by pairing with a smartphone or tablet. FTP file transfer of still images is also possible, even during shooting.

For still-image photographers

A clear view of images in any environment is possible because the viewfinder is properly equipped despite the body's compact size. The 2.35 million-dot XGA OLED Tru-Finder™ electronic viewfinder achieves high contrast and faithful tonal reproduction for fine subject detail display. Smoother image with 120/100fps frame rate makes it easy to track moving subjects. To enhance the user experience, the grip hold and shape have been carefully designed, so that compactness and usability are both uncompromised.

Take more shots and shoot longer

Despite the compact body, the high-capacity NP-FZ100 battery provides power to capture up to an industry-leading 740 images on a full charge when using the LCD monitor, or 680 when using the viewfinder. This also allows up to 215 minutes of movie recording without a break, when using the LCD monitor. In addition, the USB Type-C® connector allows recharging from an AC adaptor or powerbank while continuing to shoot, for limitless shooting potential.

Imaging Edge Mobile & Movie Edit add-on

With built-in Wi-Fi® and the Imaging Edge Mobile apps on a mobile device, you can remotely operate the camera's shutter and movie recording start and stop. Images and 4K movies can also be wirelessly sent to a device for easy sharing. And, using Movie Edit add-on with your α7C, handheld movies can be automatically stabilised, for gimbal-like smooth motion, directly on your smartphone.

Works with iMovie and Final Cut Pro X

This product is compatible with Final Cut Pro X and iMovie.

balance function linked to the camera's face detection system achieves natural colour tone for human faces by analysing the light incident on the subject's face from both the flash and the surrounding environment.

Bright and easy LCD monitor

The side-opening, vari-angle LCD monitor is intuitive to use, rotating 176° horizontally and 270° vertically. The large touch-sensitive screen, with approximately 921 thousand dots, provides optimum visibility even in bright outdoor light. You can frame your shot or selfie from virtually any position and angle for both stills and movies. Touch Tracking, Touch Focus, and Touch Shutter are all supported.

Small and lightweight, yet robust and reliable

Magnesium alloy used for the top, front, and rear covers enhances body durability. For the α7C, camera parts and internal structures were carefully optimised to reduce size and weight. On the one hand, a monocoque structure patterned after airplane design helps to reduce weight while increasing the strength, realising a lightweight camera body with rigid flexibility. And on the other, the shape is supremely ergonomic and also weather sealed against dust and moisture for comfortable and confident shooting in a wide range of conditions.

Imaging Edge

Elevate your photography with 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.

Capture One (for Sony)

Capture One Express (for Sony) is free award-winning image editing software that provides high-end image quality RAW development, easy management of your image files, and powerful editing tools. Capture One Pro (for Sony) is available for even more editing tools and tethered shooting capability.

Optional Accessories

SEL2860 Small, light and full-frame	LA-EA5 A-mount lens adapter for E-mount cameras	BC-QZ1 Quickly charges NP-FZ100 battery	NP-FZ100 Z-series battery	NPA-MQZ1K Multi-functional battery adaptor for NP-FZ100 Z-series batteries	FA-WRC1M Wireless remote commander for lighting freedom	FA-WRR1 Wireless remote receiver for FA-WRC1M
HVL-F20M Compact, easy-to-use flash for advanced lighting	HVL-F28RM Small, powerful, reliable, wireless radio flash	HVL-F32M Versatile flash in a slim, compact package	CLM-FHD5 More spectacular views in Full HD glory	ECM-B1M New technology achieves variable directivity, super-directional to omnidirectional, in a compact microphone. This high-performance shotgun microphone delivers outstanding audio transmission quality with cameras that support direct digital input via the Multi Interface Shoe.	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-K3M A built-in digital audio interface enables high-quality audio recording with professional microphones. This versatile XLR Adaptor Kit supports a wide range of devices.	RMT-P1BT This wireless remote commander via Bluetooth wireless technology offers outstanding reliability and positive control for professional still and movie shooting needs.	GP-VPT2BT This contoured shooting grip and tripod offers wireless Bluetooth® remote control, plus outstanding comfort and stability with a wide range of cameras.	LCS-AMB Protect your DSLR camera and attached zoom lens on the go	LCS-PSC7 Stash your camera, lenses, and accessories in this durable case	LCS-SC8 Soft carrying case for DSLR & SLT cameras plus additional lenses
LCS-SL10 Stylish carry case for all your essential camera kit	LCS-U11 More ways to carry your camera or camcorder	LCS-U21 Carry your camera or camcorder and all your kit	STP-SS5 Soft-woven comfort lightens every load	ADP-MAA Fit a greater choice of accessories to your camera	ALC-B1EM Protect your camera body from dirt and dust	FA-SHC1M Protect your camera's Multi Interface Shoe from dust and moisture
PCK-LG1 Glass-type monitor protector	DLC-HEU15 Experience audio and video at high speed with this 1.5m cable	SEL1635GM Explore the world in wide-angle detail	SEL20F18G A compact high-resolution 20mm F1.8 prime	SEL2470GM The standard zoom redefined	SEL70200GM An incomparable F2.8 telephoto zoom	SEL200600G Explore the world with 200-600mm zoom
SEL1224GM Ultra-wide F2.8 12-24mm zoom	SEL135F18GM F1.8 G Master telephoto prime	SEL35F14GM A small, bright 35 with G Master quality	ECM-W2BT Versatile wireless microphone with MIX recording function	SEL50F25G Compact, superbly-built standard prime lens	SEL40F25G Compact, superbly-built standard prime lens	ECM-LV1 Compact and versatile lavalier microphone
HVL-F60RM2 GN60 High-output flash supports the latest camera technology	HVL-F46RM Compact GN46 flash supports the latest camera technology	SELP1635G Ultralight, versatile wide-angle power zoom	ALC-SH172 Protects the lens from extraneous light entry			