

ILCE-6400

α6400 E-mount camera with APS-C Sensor
Compact, lightweight, ready for anything



The α6400 packs extraordinary performance into a light, compact body. It's ready to track fast-moving action, capture breathtaking scenery or take easy self-portraits, always delivering beautiful, high-resolution still images and 4K HDR movies.

- Phenomenal 0.02 sec. AF performance including newly developed Real-time Tracking
- Exmor™CMOS sensor and BIONZ X™for superb image quality
- 180° tiltable LCD touch screen for selfies and vlogging

Technical Summary

Icon Description • Fast 0.02 sec. AF, with 425 phase-detection AF points • Real-time Tracking and Real-time Eye AF, to detect and hold onto moving subjects • 24.2-megapixel Exmor CMOS sensor with outstanding light sensitivity • High-resolution 4K movie recording to support serious video production • 180° tiltable LCD touch screen 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 102 400 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. 360 shots (Viewfinder) / Approx. 410 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 • Body cap • Accessory shoe cap • Eyepiece cup • Micro USB cable
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Specifications

Lens Lens Compatibility Lens Mount	Sony E-mount lenses E-mount	Image Sensor Aspect Ratio Number Of Pixels (Effective) Number of Pixels (total) Sensor Type Anti-Dust System	3:2 Approx. 24.2 megapixels Approx. 25.0 megapixels APS-C type (23.5 x 15.6mm), Exmor CMOS sensor Charge protection coating on optical filter and ultrasonic, vibration mechanism
Recording (still images) Recording Format Image Size (pixels) [3:2] Image Size (pixels) [16:9] IMAGE SIZE (PIXELS) [1:1] Image Size (pixels) [Sweep Panorama] Image Quality Modes Picture Effect	JPEG (DCF Ver. 2.0, Exif Ver.2.31, MPF Baseline compliant), RAW (Sony ARW 2.3 format) L: 6000 x 4000 (24M), M: 4240 x 2832 (12M), S: 3008 x 2000 (6.0M) L: 6000 x 3376 (20M), M: 4240 x 2400 (10M), S: 3008 x 1688 (5.1M) L: 4000x4000 (16M), M: 2832x2832 (8.0M), S: 2000x2000 (4.0M) 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) RAW, RAW & JPEG (Extra fine, Fine, Standard), JPEG (Extra fine, Fine, Standard) 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/Bottom/Right/Middle (V)/Left), Watercolor, Illustration (High/Mid/ Low)	Recording (movie) Recording Format Video Compression Audio Recording Format Colour Space Picture Effect	XAVC S, AVCHD format Ver. 2.0 compliant XAVC S: MPEG-4 AVC/H.264, AVCHD: MPEG-4 AVC/H.264 XAVC S: LPCM 2ch, AVCHD: Dolby Digital (AC-3) 2ch, Dolby Digital Stereo Creator xYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS Color 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 Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black & White, Sepia, Style Box (1-6), (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps))
Creative Style Picture Profile	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn leaves, Black & White, Sepia, Style Box (1-6), (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps), Sharpness (-3 to +3 steps)) Yes (Off / PP1-PP10) Parameters: Black level, Gamma (Movie, Still, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset	Picture Profile	Yes (Off / PP1-PP10) Parameters: Black level, Gamma (Movie, Still, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1-3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset
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))	Image Size (Pixels), NTSC	XAVC S 4K: 3840 x 2160 (30p, 100M), 3840 x 2160 (24p, 100M), 3840 x 2160 (30p, 60M), 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)
Colour Space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS Color	Image Size (pixels), PAL	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)
14bit RAW Uncompressed RAW	Yes -	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: 1920 x 1080 (60p, 30p, 24p), PAL mode: 1920 x 1080 (50p, 25p)
		Movie Functions	Audio Level Display, Audio Rec Level, PAL/NTSC Selector, Proxy Recording (1280 x 720 (Approx.9Mbps)), TC/UB (TC Preset/UB Preset/TC Format/TC Run/TC Make/UB Time Rec), Auto Slow Shutter, REC Control, Clean HDMI Info. (ON/OFF selectable), Gamma Disp. Assist
		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

Recording System Location information Link from smartphone Media	Yes 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	Noise Reduction Noise Reduction	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: Normal/Low/Off
Memory Card Slot	Multi slot for Memory Stick Duo/SD memory card	Multi Frame NR	Auto/ ISO 100 to 102400
White Balance White Balance 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	Focus Focus Type	Fast Hybrid AF (phase-detection AF/contrast-detection AF)
AWB Micro Adjustment Priority Set in AWB SHUTTER AWB LOCK Bracketing	Yes (G7 to M7,57-step)(A7 to B7,29-step) Yes Yes (Shut. Halfway Down/ Cont. Shooting/ Off) 3 frames, H/L selectable	Focus Sensor Focus Point	Exmor CMOS sensor 425 points (phase-detection AF) / 425 points (contrast-detection AF)
		Focus Sensitivity Range	EV-2 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 (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)
		Other Features	Eye-start AF (only with LA-EA2 or LA-EA4 attached (Sold separately)), Object Tracking, Eye AF (Right/Left Eye Select), AF micro adjustment with LA-EA2 or LA-EA4 (Sold separately), Predictive control, Focus lock, Swt.V/H AF Area, AF Area Regist., Circ. of Focus Point
		AF Illuminator AF Illuminator range	Yes (with Built-in LED type) Approx. 0.3- approx. 3.0m (with E PZ 16-50mm F3.5-5.6 OSS lens attached)
		Focus type with LA-EA3 (Sold separately)	phase-detection
Exposure Metering Type Metering Sensor Metering Sensitivity	1200-zone evaluative metering Exmor CMOS sensor EV-2 to EV20 (at ISO100 equivalent with F2.0 lens attached)	Viewfinder Viewfinder Type Number of Dots Brightness Control (Viewfinder)	1.0 cm (0.39 type) electronic viewfinder (color) 2 359 296 dots Auto/Manual (5 steps between -2 and +2)
Metering Mode	Multi-segment, Center-weighted, Spot, Spot Standard/Large, Entire Screen Avg., Highlight +/- 5.0EV (1/3 EV, 1/2 EV steps selectable)	Color Temperature Control Field Coverage Magnification	Manual (5 steps) 100% Approx. 1.07x (35mm camera equivalent: Approx. 0.70x) with 50mm lens at infinity, -1m ⁻¹
Exposure Compensation Exposure Bracketing	Bracket: Cont., Bracket: Single, 3/5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, or 3.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, or 1.0 EV increments.	Dioptre Adjustment Eye Point	-4.0+3.0 m ⁻¹ Approx. 23mm from the eyepiece lens, 21.4mm from the eyepiece frame at -1m ⁻¹ (CIPA standard)
AE Lock	Locked when shutter button is pressed halfway. Available with AE lock button. (On/Off/Auto)	Finder Frame Rate Selection	NTSC mode: STD 60fps / HI 120fps, PAL mode: STD 50fps / HI 100fps
Exposure 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	Display Contents	Graphic Display, Display All Info., No Disp. Info., Digital Level Gauge, Histogram
ISO Sensitivity (Recommended Exposure Index)	Still images: ISO 100-32000 (ISO numbers up to ISO 102400 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)		
Scene Selection	Portrait, Sports Action, Macro,Landscape, Sunset, Night Scene, Hand-held Twilight, Night Portrait, Anti Motion Blur		
LCD Screen Monitor Type Number of Dots Touch Panel Brightness Control	7.5cm (3.0-type) wide type TFT 921 600 dots Yes Manual (5 steps between -2 and +2), Sunny Weather mode	Other Features PlayMemories Camera Apps™ Clear Image Zoom	- Still images: Approx. 2x, Movies: Approx. 1.5x (4K), Approx. 2x (HD)
Adjustable Angle	Up by approx. 180 degrees, Down by approx. 74 degrees	Digital Zoom	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
Real-time Image Adjustment Display (LCD) Quick Navi Focus Magnifier Zebra	On/Off Yes Yes Focus Magnifier (5.9x, 11.7x) Yes (selectable level + range or lower limit as custom setting)	Face Detection	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
Peaking MF	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow/Blue)	Self-Portrait Self-timer Others	Yes Interval Recording, Smile Shutter: Smile shutter (selectable from 3 steps), Touch Shutter, Touch Focus: Yes (Touch Focus/Touch Pad/Touch Tracking), ISO AUTO Min. S5, Bright Monitoring, Set File Name, Help guide, Area Setting, Shop Front Mode, Zoom Ring Rotate
Others	White Magic, Grid Line (Rule of 3rds Grid/Square Grid/Diag. + Square Grid/Off), Movie Marker (Center/Aspect/Safety Zone/Guideframe)	Eye-Fi ready	-
Display Content	Graphic Display, Display All Info, No Disp. Info, Digital Level Gauge, Histogram, For viewfinder, Monitor Off		
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane type	Image Stabilization Type	Not supported (image stabilization supported on lens)
Shutter Speed	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)		
Flash Sync. Speed Electronic Front Curtain Shutter Silent Shooting	1/160 sec. Yes (ON/OFF) Yes (ON/OFF)		
Flash Control Type Guide No. Flash coverage Control Flash Compensation	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)	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
Flash Bracketing	3/5/9 frames selectable. With 3 or 5 frames, in 1/3, 1/2, 2/3, 1.0, 2.0, 3.0 EV increments, with 9 frames, in 1/3, 1/2, 2/3, 1.0 EV increments.	Continuous Drive Speed (approx. max.) No. of recordable frames (approx.)	Continuous shooting: Hi+: 11 fps, Hi: 8 fps, Mid: 6 fps, Lo: 3 fps JPEG Extra fine L: 99 frames, JPEG Fine L: 115 frames, JPEG Standard L: 116 frames, RAW: 46 frames, RAW&JPG: 44 frames
Flash Modes	Flash off, Autoflash, Fill-flash, Slow Sync., Rear Sync., Red-eye reduction (on/off selectable), Wireless control,Hi-speed sync	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

Recycling Time External Flash Compatibility FE Level Lock Wireless Control	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 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), 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 (Auto/Manual/Off selectable), Slideshow, Panorama scrolling, Folder selection (Date/ Still/ AVCHD/XAVC S HD/XAVC S 4K), Forward/Rewind (movie), Delete, Protect, Rating, Disp Cont Shoot Grp
Audio Microphone Speaker	Built-in stereo microphone or XLR-K2M/XLR-K1M/ECM-XYST1M(sold separately) Built-in, monaural	
	Custom function Type	Custom key settings, Programmable Setting (Body 3 sets /memory card 4 sets), My Menu, My Dial, Reg Cust Shoot Set
Power Supplied Battery Battery Life (Still Images) Battery Life (Movie, actual recording) Battery Life (Movie, continuous recording) Internal Battery Charge External Power Power consumption with Viewfinder Power consumption with LCD screen USB Power supply	One rechargeable battery pack NP-FW50 Approx. 360 shots (Viewfinder) / Approx. 410 shots (LCD monitor) (CIPA standard) Approx. 70 min (Viewfinder) / Approx. 75 min (LCD monitor) (CIPA standard) Approx. 125 min (Viewfinder) / Approx. 125 min (LCD monitor) (CIPA standard) Yes AC Adaptor AC-PW20 (sold separately) Still images: approx. 2.4W (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) 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) Yes	
	Size & Weight Weight (with battery and memory card included) Dimensions (W x H x D)	Approx. 403g / Approx. 14.3 oz. Approx. 120.0mm x 66.9mm x 59.7mm, 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 is the key to beautiful shots

Fast and accurate autofocus lets you capture 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. speed, while High-density AF Tracking Technology follows even erratically moving subjects.

AF in Focus Magnifier for finer focus adjustment

When extra-accurate autofocus 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, then finely adjust the exact point of focus in the viewfinder or on the LCD screen.

Real-time Tracking holds the focus on tracked subjects

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

High speed continuous shooting with AF/AE tracking

Capture all the action with continuous shooting at up to 11fps (with after view), or 8fps (with silent shutter) and 8fps (for live view). Display lag has been minimised, and up to 116 JPEG (Standard) images can be shot, with group display available. Camera operability and access to various features while writing data have also been greatly improved.

Extraordinary image quality, low noise and a wider ISO range

Maximum standard ISO sensitivity has been increased to ISO 32000 (expanded to ISO 102400 for stills), while improved imaging algorithms, detail reproduction technology and area-division noise reduction result in more realistic textures, better detail in shadow regions, and more lifelike colours, including human skin tones and natural plant colours.

14-bit RAW output with rich tonal gradation

When you're shooting in RAW format, the 14-bit digital signals that are converted from analog in the image sensor are passed to the front-end LSI and BIONZ X, where they undergo 16-bit processing before converting back to 14-bit RAW image output. This leads to smoother, more natural tonal gradation in these images.
[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 brings high speed, accuracy and 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.

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

Slow motion (up to 5x) and quick motion (up to 60x) can be recorded in camera in high-quality Full HD, and no PC-based post-processing is required to view your slow-motion and quick-motion footage. Additionally, high bit-rate recordings of up to 100Mbps in Full HD can be used to create high-image-quality slow-motion movies in post-production.

Support for professional-quality mic and audio input

External microphones can be attached via the microphone jack, and there is also an option for line input via XLR connectors using the camera's separately available XLR adaptor kit, which enables connection with various high-end microphones for

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)

Interface PC Interface Multi / Micro USB Terminal NFC™ Wireless LAN (Built-In) Bluetooth HD Output Multi Interface Shoe Mic Terminal DC IN Terminal Sync Terminal Headphone Terminal Vertical Grip Connector PC Remote	Mass-storage, MTP, PC remote Yes Yes (NFC forum Type 3 Tag compatible),One-touch remote,One-touch sharing Wi-Fi Compatible, IEEE 802.11b/g/n (2.4GHz band), View on Smartphone, Remote control via Smartphone, Send to Computer, View on TV Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band)) HDMI micro connector (Type-D), BRAVIA Sync(Control for HDMI), Photo TV HD, 4K movie output/4K still image PB Yes Yes (3.5 mm Stereo minijack) - - - - Yes
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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
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professional-level audio.

180°-tiltable LCD screen with versatile touch functions

The high-resolution 921k-dot LCD has a 3.0-type screen and tilts upward a full 180° for easy framing of self-portraits and vlogs. The LCD's intuitive touch operations include Touch Pad (smoothly move the focus point), Touch Focus (set the focus point), Touch Shutter (release the shutter), and Touch Tracking (activate Real-Time AF).

Custom functions for greater operability

The camera's eight keys and controls can be custom-assigned to any of 89 shooting and replay functions, and frequently used functions can also be assigned to the control dial and control wheel with My Dial. My Menu allows flexible assignment of 30 menu items, and the custom settings screen helps keep track of everything. Help displays are available on the menu screen via a single button.

Greater control over white-balance settings

If set in advance, auto white balance can now be locked or unlocked at any time, for more consistent colour tones when there are multiple light sources. Custom setting of white balance has been simplified, and you can now select an AWB priority setting when shooting with incandescent lighting – either warmer Atmosphere Priority, or White Priority for purer whites.

Easier ratings and protection from deletion

Still images can be given a rating or protected from deletion, and both functions can be accessed via pre-assigned custom keys.

One-touch remote, One-touch sharing, Location Information Link

The One-touch remote feature turns your mobile device into a viewfinder and remote control, while One-touch sharing allows photos and videos to be transferred to your device for social media sharing. The camera can also acquire location data via Bluetooth®. (These mobile device features are available via Sony's Imaging Edge Mobile app.)

Imaging Edge desktop applications

Elevate your photography with the 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.

Optional Accessories

NP-FW50 Get longer battery life and faster charging for your camera	HVL-F45RM High-power GN45 flash with built-in wireless radio control	XLR-K2M Enhance every word with the XLR-K2M Adapter Kit and microphone	FDA-EP17 Soft, slide-type eyepiece cup for α6500	SEL55210 Compact telephoto E-mount lens with 3.8x zoom and Optical SteadyShot	SEL55210 Compact telephoto E-mount lens with 3.8x zoom and Optical SteadyShot	SEL70200G Powerful, precise zoom for E-mount cameras
SELP18105G Smooth, precise zooming for movies and still photos	LCS-EBG Holds α6500 body in perfect-fitting Luxury					

movie on a PC using the Viewer application from the Imaging Edge™ desktop applications. A simple variable-speed preview function allows you to see an image, on the camera, of how the finished movie will look.

Smooth display on the OLED viewfinder

The high-contrast, high-resolution XGA OLED Tru-Finder™ provides high visibility, fine details even in dark areas, accurate colours and smooth displays at either 60fps or 120fps, with the framerate selectable for smoother viewing. Standard and High quality settings are available for both the viewfinder and the LCD monitor.

User-interface improvements for efficient settings control

A new feature displays frequently used ISO ranges on the ISO setting screen, and another displays frequently used focus-area types on the AF area-setting screen. And when using Flexible Spot mode you can now cycle the AF area up, down, right and left – useful when shooting sporting scenes where the subject moves frequently within the AF area.

More versatile flash functions

When shooting with compatible wireless flash units, rear-curtain sync and slow sync can now be selected, increasing your creative options for lighting.

Advances in remote camera control

When doing remote shooting using the Remote app from the Imaging Edge desktop applications, you can now use the overlay display to make precise adjustments to focus and composition while checking the live view on your PC screen.

Sturdy, durable construction for robust operation

The camera's low-vibration shutter mechanism is designed and tested to withstand around 200,000 shutter cycles, and the body, top cover and front cover use a light but highly rigid magnesium alloy. Major buttons and dials are sealed, and casing components have an interlocked double-layer structure to resist dust and moisture.