

## Press Release

### Sony Expands Compact Full-Frame Mirrorless Camera Range with the Launch of the Ultra-Sensitive $\alpha$ 7S II



*$\alpha$ 7S II*

- Ultra-high sensitivity up to 409600<sup>1</sup> with low noise across the whole range
- Wide dynamic range across entire ISO range delivering smooth tonal gradation from dark to bright conditions
- In-camera 5-axis optical image stabilisation for expanded shooting possibilities
- Internal 4K movie recording featuring full pixel readout without pixel binning in full-frame format
- Wide range of professional movie functionality including S-Gamut3.Cine/S-Log3, new Gamma Assist Display, enhanced Zebra Function, Full HD 100fps recording and 5x slow motion recording and full pixel readout without pixel binning in full-frame format
- High-speed AF with enhanced accuracy in wide ranging scenes and advanced shooting functions

**Hong Kong, October 7, 2015** – Sony today announced the latest addition to its award-winning series of compact, full-frame  $\alpha$ 7 cameras with the introduction of the  $\alpha$ 7S II. Offering ultra-high sensitivity and wide dynamic range across the entire ISO range and 5-axis image stabilisation for greater shooting control, the  $\alpha$ 7S II delivers stunning image quality for photographers who shoot in the most challenging light conditions. Be it the brightest of mornings or darkest of nights, the  $\alpha$ 7S II enables new levels of photographic expression at whatever shutter speed you wish to deploy. The  $\alpha$ 7S II also incorporates a host of pro-style movie functions including the ability to shoot 4K video with full pixel readout and no pixel binning in full-frame format, making it an extremely appealing proposition for photographers and videographers alike.

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<sup>1</sup> Standard ISO 100- 102400, Expandable to ISO 50-409600



The  $\alpha 7S$  II delivers an awe-inspiring sensitivity range of ISO 50-409600<sup>1</sup>, thanks to the combination of its 35mm full-frame 12.2 megapixel<sup>2</sup> image sensor and BIONZ X™ image processing engine. The sensor optimises the dynamic range across the entire ISO range and broadens the range of tonal gradation in bright environments and minimises noise in dark scenes meaning that it delivers impressive results even in the most extreme conditions. The upgraded image processing algorithm of BIONZ X™ maximises the sensor's capabilities and improves depiction throughout the full sensitivity range with particular emphasis on the mid-to-high range. This means that the resulting stills and movies demonstrate extra-fine detail with minimal noise.

### **Video Master**

The  $\alpha 7S$  II can record 4K<sup>3</sup> movies internally in the XAVC S format<sup>4</sup> meaning that content is wonderfully detailed. Because information from all pixels is utilised without line skipping or pixel binning, the camera can maximise the expanded power of the full-frame image sensor and produce 4K movies with higher image clarity and negligible moiré. Full pixel readout without pixel binning is also employed when shooting Full HD<sup>5</sup> movies, which means that it collects information from approximately five times as many pixels that are required to generate Full HD<sup>6</sup> and condenses the information to produce extremely high quality movies.

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<sup>2</sup> Approximate effective megapixels

<sup>3</sup> QFHD: 3840 x 2160. Internal recording and HDMI output, both at 4K resolution, are available in full-frame

<sup>4</sup> SDXC memory card higher than Class 10 is required for movie recording in XAVC S format

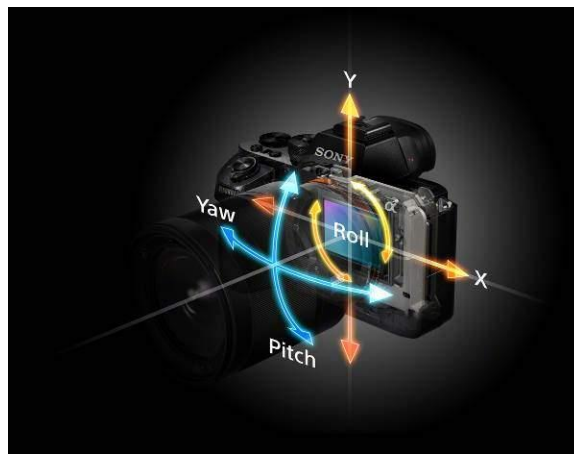
<sup>5</sup> In 24p/30p

<sup>6</sup> 1920 x 1080



A first for the  $\alpha 7$  series, the  $\alpha 7S$  II can record 100fps at 100Mbps<sup>7</sup> with full pixel readout without pixel binning in full frame format which can be edited into wonderful 4x slow motion footage<sup>8</sup> in Full HD. The  $\alpha 7S$  II also has the ability to shoot 4x slow motion footage internally which can be immediately reviewed on the camera screen.

Video functionality has been further enhanced with new profiles; S-Gamut3.Cine/S-Log3 and S-Gamut3/S-Log3. These new profiles deliver wide dynamic range and colour correction is easier to perform. The  $\alpha 7S$  II even offers impressive 14-stop latitude in the S-Log3 gamma setting. The camera also supports S-Gamut/S-Log2 which is very popular among cinematographers and videographers. Gamma Display Assist is a new function that allows users to monitor images or check focus when recording S-Log movies and the Zebra function has been improved for even greater control.



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<sup>7</sup> UHS Class 3 memory card is required for recording at 100Mbps

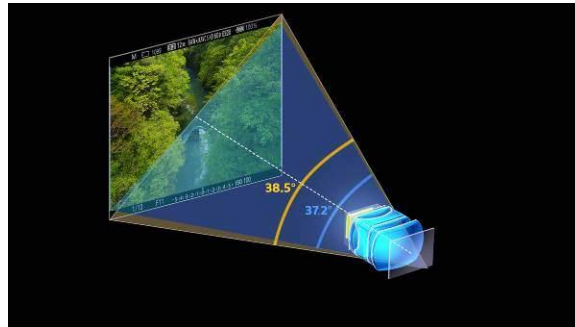
<sup>8</sup> 25p

## 5-Axis Image Stabilisation

The new  $\alpha 7S$  II is equipped with the innovative 5-axis image stabilisation system that is proving extremely popular in the  $\alpha 7$  II and  $\alpha 7R$  II cameras. The system corrects camera shake along five axes during shooting, including angular shake (pitch and yaw) which has the greatest impact on image quality and tends to occur with a telephoto lens, shift shake (X and Y axes) which becomes noticeable as magnification increases, and rotational shake (roll) that often affects night shooting or video recording.

## Autofocus accuracy

The autofocus system on the  $\alpha 7S$  II has been upgraded and now offers 169 AF points for fast, precise focusing with greater accuracy.<sup>9</sup> The power of the image sensor means that the absence of noise in images generated, enables the Fast Intelligent AF to detect contrast more easily and react speedily even in low-light situations (as low as EV-4), when it's even tough to check with the naked eye. When shooting video, the AF performance is twice as fast as the predecessor model.<sup>10</sup>



## Electronic Viewfinder

The XGA OLED Tru-Finder™ in the  $\alpha 7S$  II has been upgraded and offers the world's highest viewfinder magnification<sup>11</sup> of 0.78x (roughly 38.5 degrees in diagonal field of view) and shows clear images across the entire display area. The use of ZEISS T\* Coating ensures sharp reduction of reflections on the viewfinder and unlike an optical viewfinder, the OLED Tru-Finder™ can be used to instantly show how exposure compensation, white balance and other selected settings are affecting the displayed image.

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<sup>9</sup> Compared to  $\alpha 7S$

<sup>10</sup> Compared to the  $\alpha 7S$ , when shooting Full HD movies.

<sup>11</sup> Amongst digital cameras. The viewfinder magnification is approx. 0.78x (with 50mm lens at infinity, -1m-1). As of date of press release, based on Sony research.



### **User upgrades**

A number of enhancements have been made to the look and feel of the  $\alpha 7S$  II to make it more user friendly, reliable and intuitive. Its magnesium-alloy body is both light and highly robust and the grip and shutter buttons have been re-designed so that the camera feels more natural in the hand. For situations when you just want to blend into the background, silent shooting mode can be activated for 5fps continuous shooting<sup>12</sup> and reliability has been enhanced with reduced-vibration shutter movement.<sup>13</sup> The lens mount has been further reinforced to ensure greater resilience, particularly when attaching third party lenses and users can now charge the camera via a USB power supply whilst the camera is in operation, thus extending battery life. For greater comfort and safety, Sony is also launching the LCS-EBF; a new premium leather body case for the  $\alpha 7S$  II which is also compatible with the  $\alpha 7R$  II and  $\alpha 7$  II.

The  $\alpha 7S$  II is also Wi-Fi® and NFC compatible and fully functional with Sony's PlayMemories Mobile application available for Android™ and iOS™ platforms, as well as Sony's growing range of PlayMemories Camera Apps, which add a range of fun creative capabilities to the camera. Learn more at [www.sony.net/pmca](http://www.sony.net/pmca).

The Sony  $\alpha 7S$  II full-frame interchangeable lens camera (ILCE-7SM2) will be available from end of October 2015 at HK\$21,990.

### **Order Now**

From October 7 to October 18, 2015, the  $\alpha 7R$  II is available for preordering at all Sony Stores, Sony Store online ([www.sony.com.hk/store](http://www.sony.com.hk/store)) and Sony sales hotline at (852) 2345-2966 as well as authorized dealers. Customers will receive a Sony 64GB SD card SF-64UZ (worth HK\$1,061), an accessory kit ACC-TRW (worth HK\$650) and a camera case (worth HK\$300) free of charge. Customers ordering the  $\alpha 7S$  II will be able to purchase the following Sony products at special offers:

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<sup>12</sup> Speed Priority Continuous mode. Focus and exposure settings fixed at first shot.

<sup>13</sup> 500,000-cycle durability. According to Sony internal testing, with the electronic front curtain shutter activated.

<b>Sony Products &amp; Service</b>	<b>Special Offers</b>
5-inch Full HD (1920x1080p) LCD Display CLM-FHD5	HK\$3,290 (Original price \$3,990)
XLR Adaptor and Microphone Kit XLR-K2M	HK\$3,990 (Original price \$4,990)
FE PZ 28-135mm F4 G OSS lens SELP28135G	HK\$17,990 (Original price \$19,990)
One-Year Premium Services	HK\$413 (Original price \$590)

For customer enquiries, please contact Sony hotline service at (852) 2345-2966.

### **About Hong Kong Marketing Company**

Hong Kong Marketing Company (HKMC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit our website at <http://www.sony.com.hk>.

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**Product specifications of Sony 35mm full-frame interchangeable-lens digital camera  $\alpha$ 7S II:**

<b>Model</b>	<b><math>\alpha</math>7S II</b>
<b>General</b>	
Camera type	Interchangeable-lens digital camera
Lens mount	E-mount
<b>Image sensor</b>	
Type	35mm full frame (35.6 x 23.8mm), <i>Exmor</i> CMOS sensor
Number of pixels (effective)	Approx. 12.2 megapixels
Number of pixels (total)	Approx. 12.4 megapixels
Image sensor aspect ratio	3:2
Anti-dust system	Charge protection coating on optical filter and image sensor shift mechanism
<b>Recording system (still image)</b>	
Recording format	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Image size (pixels)	<p><b>3:2 aspect ratio</b>  <b>35mm full frame</b>                      L: 4240 x 2832 (12M),                      M: 2768 x 1848 (5.1M),                      S: 2128 x 1416 (3.0M)</p> <p><b>APS-C</b>                      L: 2768 x 1848 (5.1M),                      M: 2128 x 1416 (3.0M),                      S: 1376 x 920 (1.3M)</p> <p><b>16:9 aspect ratio</b>  <b>35mm full frame</b>                      L: 4240 x 2384 (10M),                      M: 2768 x 1560 (4.3M),                      S: 2128 x 1200 (2.6M)</p> <p><b>APS-C</b>                      L: 2768 x 1560 (4.3M),                      M: 2128 x 1200 (2.6M),                      S: 1376 x 776 (1.1M)</p> <p><b>Sweep Panorama</b>                      Wide: Horizontal 12416 x 1856 (23M), vertical 5536 x 2160 (12M), Standard: Horizontal 8192 x 1856 (15M), vertical 3872 x 2160 (8.4M)</p>
Image quality modes	RAW, RAW & JPEG, JPEG Extra fine , JPEG Fine, JPEG Standard
RAW output	14 bit
Uncompressed RAW	Yes
Picture Effect	13 modes : Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Monochrome, Toy Camera Soft High-key, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia (Contrast -3 to +3 steps, Saturation -3 to +3 steps, Sharpness -3 to +3 steps) (Style Box 1-6 also provided)
Dynamic range functions	Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range: Auto Exposure Difference, Exposure Difference Level (1.0-6.0 EV, 1.0 EV step)
Color space	sRGB standard(with sYCC gamut), Adobe RGB standard compatible with TRILUMINOS™ Color
<b>Recording system (movie)</b>	
Recording format	XAVC S/ AVCHD format Ver 2.0 compliant/ MP4
Video compression	XAVC S:MPEG-4 AVC/H.264, AVCHD: MPEG-4 AVC/H.264,

	MP4: MPEG-4 AVC/H.264
Audio recording format	XAVC S:LPCM, 2ch AVCHD: Dolby Digital (AC-3), 2ch, Dolby Digital Stereo Creator MP4: MPEG-4 AAC-LC, 2ch
Image size (pixels)	XAVC S 4K: 3840 x 2160 (30p/100Mbps, 30p/60Mbps, 24p/100Mbps, 24p/60Mbps, 25p/100Mbps, 25p/60Mbps) XAVC S HD: 1920 x 1080 (120p/100 Mbps, 100p/100 Mbps, 120p/60 Mbps, 100p/60 Mbps, 60p/50Mbps, 50p/50Mbps, 30p/50Mbps, 25p/50Mbps, 24p/50Mbps) AVCHD: 1920 x 1080 (60p/28Mbps/PS, 50p/28Mbps/PS, 60i/24Mbps/FX, 50i/24Mbps/FX, 60i/17Mbps/FH, 50i/17Mbps/FH, 24p/24Mbps/FX, 25p/24Mbps/FX, 24p/17Mbps/FH, 25p/17Mbps/FH) MP4: 1920 x 1080 (60p/28Mbps, 50p/28Mbps, 30p/16Mbps, 25p/16Mbps), 1280 x 720 (30p/6Mbps, 25p/6Mbps)
Picture Profile	Yes (Off / PP1-PP9) Parameters: Black level, Gamma (Movie, Still, Cine1-4, ITU709, ITU709 [800%], S-Log2, S-Log3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset
Movie functions	Audio Level Display, Audio Rec Level, Auto Slow Shutter, HDMI info. Display (On/Off selectable), Time Code/User Bit, Picture Profile, Creative Style, Picture Effect, Rec Control, Dual Video Rec, Marker Setting, PAL/NTSC Selector, Gamma Display Assist
Color space	xvYCC standard (x.v.Color when connected via HDMI cable) compatible with TRILUMINOS™ Color
<b>Clean HDMI output</b>	
	3840 x 2160 (30p,25p,24p) / 1920 x 1080 (50p/50i/24p/60p/60i), YCbCr 4:2:2 8bit/ RGB 8bit
<b>Media</b>	
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
Slot	Multi slot for Memory Stick Duo/ SD memory card
<b>Noise reduction</b>	
Noise reduction	Long exposure NR: On/Off, available at shutter speeds longer than 1 sec., High ISO NR: Normal/Low/ Off selectable
Multi Frame NR	Auto/ISO 100 to 409600
<b>White balance</b>	
Modes	Auto WB / Daylight / Shade / Cloudy / Incandescent / Fluorescent (Warm White / Cool White / Day White / Daylight) / Flash / Color Temperature (2500 to 9900K) & Color Filter (G7 to M7: 57 steps, A7 to B7: 29 steps) / Custom / Underwater
AWB micro adjustment	G7 to M7 (57 steps), A7 to B7 (29 steps)
Bracketing	3 frames, H/L selectable
<b>Focus system</b>	
Type	Contrast-detection AF
Focus point	169 points (contrast-detection AF)
Sensitivity range	EV -4 to EV 20 (at ISO 100 equivalent with F2.0 lens attached)
AF modes	Single-shot AF (AF-S), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus
Focus area	Wide (169 points(contrast-detection AF)) / Zone / Center / Flexible Spot (S/M/L) / Expanded Flexible Spot /Lock-on AF (Wide / Zone / Center / Flexible Spot (S/M/L)/ Expanded Flexible Spot)
Other features	Lock-on AF, Eye AF, Focus lock; Eye AF and AF micro adjustment (both only available with optional LA-EA2 or LA-EA4 attached), AF illuminator (built-in,

	LED type, range: Approx. 0.30-3m)
<b>Exposure control</b>	
Metering type	1200-zone evaluative metering
Metering sensor	<i>Exmor™CMOS sensor</i>
Metering sensitivity	EV -3 to EV 20 (at ISO 100 equivalent with F2.0 lens attached)
Metering modes	Multi-segment, Center-weighted, Spot
Exposure modes	AUTO (iAUTO, Superior Auto), Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M), Scene Selection, Sweep Panorama, Movie / High Frame Rate
Scene Selection	Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night Scene, Hand-held Twilight, Anti Motion Blur
Exposure compensation	+/-5.0 EV (in 1/3 EV or 1/2 EV steps), with exposure compensation dial: +/-3.0 EV (in 1/3 EV steps)
AE Bracketing	Bracket: Single/Bracket: Cont., 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.
AE lock	Available with AE lock button. Locked when shutter button is pressed halfway.
ISO sensitivity (Recommended Exposure Index)	<b>Still images:</b> ISO 100-102400 (expandable to ISO 50–409600 for shooting still images), AUTO (ISO 100-12800, selectable lower limit and upper limit) <b>Movies:</b> ISO 100-102400 equivalent(ISO numbers up to ISO 409600, AUTO (ISO 100-12800 equivalent, selectable lower limit and upper limit)
<b>Viewfinder</b>	
Type	XGA OLED, 1.3cm (0.5 type) electronic viewfinder (color)
Number of dots (total)	2,359,296 dots
Brightness control	Auto/Manual (5 steps between -2 and +2)
Color temperature control	Manual (5 steps)
Field coverage	100%
Magnification	Approx. 0.78x (with 50mm lens at infinity, -1m <sup>-1</sup> )
Diopter adjustment	-4.0 to +3.0m <sup>-1</sup>
Eye point	Approx. 23mm from the eyepiece lens, 18.5mm from the eyepiece frame at -1m <sup>-1</sup> (CIPA standard)
Display	Graphic Display / Display All Info. / No Disp. Info. / Histogram / Digital Level Gauge
Real-time image-adjustment display	On/Off
<b>LCD screen</b>	
Type	7.5cm (3.0 type) TFT drive
Total number of dots	1,228,800 dots
Brightness control	Manual (5 steps between -2 and +2), Sunny Weather mode
Adjustable angle	Up approx. 107 degrees, down approx. 41 degrees
Display selector (Finder/LCD)	Auto/Manual
Display	Graphic Display / Display All Info. / No Disp. Info. / Histogram / Digital Level Gauge / Shooting information for viewfinder mode
Real-time image-adjustment display	On/Off
Zebra	Yes (selectable level + range or lower limit as custom setting)
Peaking MF	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
<b>Other features</b>	
Face Detection	On / On (Regist. Faces) / Off, Face registration, Face selection (Max. number of detectable faces: 8)
Auto Object Framing	Yes
Clear Image Zoom	Still / Movie: Approx. 2x

Digital zoom	<b>Smart zoom (still images):</b> 35mm full frame: M: Approx. 1.5x, S: Approx. 2.0x APS-C: M: Approx. 1.3x, S: Approx. 2.0x <b>Digital zoom (still images):</b> 35mm full frame: L: Approx. 4x, M: Approx. 6.1x, S: Approx. 8.0x APS-C: L: Approx. 4x, M: Approx. 5.2x, S: Approx. 8.0x <b>Digital zoom (movies):</b> 35mm full frame: Approx. 4x APS-C: Approx. 4x
PlayMemories Camera Apps	Yes
Lens compensation	Peripheral shading, chromatic aberration, distortion
<b>Shutter</b>	
Type	Electronically controlled, vertical-traverse, focal-plane type
Shutter speed	Still Images: 1/8000 to 30 sec., Bulb, Movies: 1/8000 to 1/4 (1/3 step). PAL: Up to 1/50 in AUTO mode (up to 1/25 in Auto Slow Shutter mode)
Flash sync. speed	1/250 sec
Electronic front curtain shutter	Yes, On/Off
Silent Shooting	Yes, On/Off
<b>SteadyShot INSIDE (image stabilization)</b>	
Type	Image Sensor-Shift mechanism with 5-axis compensation (Compensation depends on lens specifications)
Compensation effect	4.5 steps (based on CIPA standard. Pitch/yaw shake only. With Sonnar T* FE 55mm F1.8 ZA lens mounted. Long exposure NR off.)
<b>Flash Control (with optional external flash)</b>	
Control	Pre-flash TTL
Flash compensation	+/-3.0 EV (switchable between 1/3 and 1/2 EV steps)
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.
Flash modes	Flash off, Autoflash, Fill-flash, Slow Sync., Rear Sync. Red-eye reduction (On/Off selectable), Hi-speed sync <sup>*1</sup> , Wireless <sup>*1</sup>
External flash	Sony $\alpha$ System Flash compatible with Multi Interface Shoe. Attach the shoe adaptor for flash compatible with Auto-lock Accessory Shoe.
FE level lock	Yes
<b>Drive</b>	
Drive modes	Single shooting, Continuous shooting, Speed Priority Continuous Shooting, Self-timer, Self-timer (Cont.), Bracketing (Cont., Single, White Balance, DRO)
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/10 sec. delay)
Speed (approx., max.) <sup>*2</sup>	Speed Priority Continuous shooting: max. 5 fps, Continuous shooting: max. 2.5 fps
No. of recordable frames <sup>*2</sup> (approx.)	Speed Priority Continuous shooting: 64 frames (JPEG Extra Fine L), 200 frames (JPEG Fine L), 200 frames (JPEG Standard L), 31 frames (RAW), 26 frames (RAW & JPEG), 24 frames (RAW (Uncompressed)), 24 frames (RAW (Uncompressed) & JPEG) Continuous shooting: 100 frames (JPEG Extra Fine L), 200 frames (JPEG Fine L), 200 frames (JPEG Standard L), 59 frames (RAW), 34

	frames (RAW & JPEG), 29 frames (RAW (Uncompressed)), 28 frames (RAW (Uncompressed) & JPEG)
<b>Playback</b>	
Modes	Single (with or without shooting information, Y RGB histogram & highlight/shadow warning), 9/25-frame index view, Enlarged display mode (Maximum magnification L: 13.3x, M: 8.7x, S: 6.7x), Auto Review (10/5/2 sec, off), Image orientation (Auto/Manual/Off selectable), Slideshow, Panorama scrolling, Folder selection (Still / Date / MP4 / AVCHD / XAVC S HD / XAVC S 4K), Forward/Rewind (Movie), Delete, Protect
<b>Interface</b>	
PC interface	Mass-storage, MTP, PC remote
Multi / Micro USB Terminal* <sup>1</sup>	Yes
Wireless LAN (built-in)	Wi-Fi Compatible, IEEE802.11b/g/n (2.4GHz band)* <sup>2</sup> Playback of still images and movies on smartphones, PCs and TVs
NFC™	Yes(NFC Forum Type 3 Tag compatible. One-touch remote, One-touch sharing)
HD output	HDMI micro connector (Type-D), BRAVIA Sync (link menu), PhotoTV HD, 4K movie output, 4K still image playback
Multi Interface Shoe* <sup>3</sup>	Yes
Others	Microphone terminal (3.5mm Stereo minijack), Headphone terminal (3.5mm Stereo minijack), Vertical Grip Connector
<b>Audio</b>	
Microphone	Built-in stereo microphone or ECM-XYST1M / XLR-K2M/XLR-K1M (sold separately)
Speaker	Built-in monaural
<b>Print</b>	
Compatible standards	Exif Print, Print Image Matching III, DPOF setting
<b>Custom function</b>	
Type	Custom key settings, Programmable setting
<b>Power</b>	
Battery	Rechargeable Battery Pack NP-FW50
Still images	Approx. 310 shots (viewfinder) / approx. 370 shots (LCD screen) (CIPA standard)
Movies	Actual: Approx. 55 min. with viewfinder, approx. 60 min. with LCD screen (CIPA standard) Continuous: Approx. 95 min. with viewfinder, approx. 100 min. with LCD screen (CIPA standard)
External power	AC Adaptor AC-PW20 (optional)
<b>Weight</b>	
With battery and <i>Memory Stick PRO Duo</i>	Approx. 627g (approx. 1 lb 6.1 oz.)
Body only	Approx. 584g (approx. 1 lb 4.6 oz.)
<b>Dimensions</b>	
W x H x D (excluding protrusions)	Approx. 126.9 x 95.7 x 60.3mm (approx. 5 x 3 7/8 x 2 3/8 in.)
<b>Operating temperature</b>	
Range	32-104° F/0-40° C

*Features and specifications are subject to change without notice.*

### **Remarks**

\*1 Supports Micro USB compatible device.

\*2 (Configuration method/Access method) WPS or manually /infrastructure mode. When connecting to smartphones, the camera can always work as a base without a wireless access point. (Security: WEP/WPA-PSK/WPA2-PSK)

\*3 Sony accessories for the Accessory Shoe can be attached.