

SONY

Press Release

Sony's New RX100 IV and RX10 II Cameras Bring Professional Imaging Experience to the Acclaimed Cyber-shot RX Series

Compact RX100 IV and High-Zoom RX10 II

Boast World's First 1.0-type Stacked CMOS Image Sensor with DRAM Chip



RX10 II



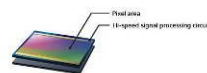
RX100 IV

- **World's First 1.0-type Stacked CMOS image sensor with DRAM chip**
- **1,000fps High Frame Rate 40x Super Slow Motion Capture**
- **Maximum 1/32,000s High-speed Anti-Distortion Shutter supports EV19 shooting with built-in ND Filter**
- **4K 100Mbps XAVC S Movies by full-pixel readout without pixel binning**

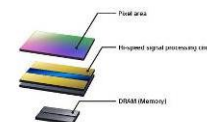
Hong Kong, June 19, 2015 – Sony, a worldwide leader in digital imaging and the world's largest image sensor manufacturer¹, today added two of the most advanced, versatile cameras to the highly acclaimed Cyber-shot RX series - the compact RX100 IV and high-zoom RX10 II cameras.

The two new cameras feature the world's first 1.0 type stacked Exmor RS™ CMOS sensor² with advanced signal processing and an attached DRAM memory chip. The high speed signal processing and DRAM memory chip work together to enable more than five times the readout rate of image data³ and are responsible for a variety of standout

1.0-type back-illuminated CMOS image sensor



Newly developed 1.0-type stacked CMOS image sensor with DRAM chip



¹ Sony is the world's No. 1 manufacturer of image sensors for digital cameras and video recorders, with over 50% market share. Data based on Sony research from April 2014 to March 2015.

² The world's first as 1.0-type sensor with memory-attached design, as of announcement date from a Sony survey.

³ Compared to previous RX100 III and RX10 models. According to a simulation of the same electronic shutter of up to 1/32000 sec. combined with the Exmor R CMOS sensor employed with RX10 or RX100 III.

features that have previously only been available in selected professional-level video cameras. These impressive capabilities include 40 times super slow motion video capture at up to 1,000fps⁴, an ultra-fast Anti-Distortion Shutter with a maximum speed of 1/32000 second, high-resolution 4K movie shooting⁵ and more.

Up to 1,000fps, 40x Super Slow Motion Shooting

A first for Sony consumer cameras, the new RX100 IV and RX10 II both have the ability to record super slow-motion videos⁴ of up to 40x slower than the standard rate, allowing users to capture and replay fleeting moments of action with incredible detail, resolution and clarity.

Prior to shooting, users will have the ability to choose among 1000fps, 500fps and 250fps frame rates and among 50p and 25p playback formats (PAL) to optimise the recording to fit the speed of the moving subject. They also have the option to use the movie record button as a ‘start trigger’ to begin recording once the button is pressed, or ‘end trigger’ to record footage up until the button is pressed. The ‘end trigger’ mode lets shooting begin two to four seconds⁶ before the movie button is pressed, enabling shooters to capture the decisive moment with much more consistency and accuracy.

High Speed Shutter, High Speed Shooting

The impressive speed and power of the 1.0 type stacked Exmor RTM CMOS sensor with an attached DRAM chip allows the new RX100 IV and RX10 II to perform exceptionally well while capturing fast-moving subjects. In particular, its fast processing capability results in continuous speeds of up to 16fps on the RX100 IV, and up to 14fps on the RX10 II for an extended period of time.



maximum speed of 1/32000 second



brightness levels up to EV19

Additionally, the ultra-fast readout of the image sensor is responsible for the high speed Anti-Distortion Shutter (maximum speed of 1/32000 second), which allows the new cameras to capture sharp, crystal clear images with a wide open aperture at brightness levels up to EV19⁷. It also

⁴ Sound cannot be recorded when shooting slow motion. An SDXC memory card of Class 10 or higher is required.

⁵ An SDXC memory card with a Class 10 or higher speed rating is required for XAVC S recording, while UHS Speed Class 3 is required for recording at 100Mbps.

⁶ For reference, two seconds of movie footage shot at 1000fps and 25p will take approximately 80 seconds to play back.

⁷ Using a built-in ND filter.

minimises the “rolling shutter” effect commonly experienced with fast moving subjects. This allows photographers and videographers to capture beautiful content with sharply focused subjects and defocused backgrounds under some of the most difficult, bright lighting conditions.

High Precision Direct 4K Movie Recording

The new RX100 IV and RX10 II are the first Cyber-shot cameras to offer the advantages of 4K (3840x2160) movie recording⁵. The cameras utilise full pixel readout without pixel binning to ensure that all the finer details of 4K video are captured with minimal moire and ‘jaggies’. These high-quality results are achieved through the use of the XAVC S codec, which records video at a high data rate of 100Mbps during 4K recording and 50Mbps during full HD shooting⁵.

The capacity for shooting 4K differs slightly on each of the two cameras, as the more professionally-styled RX10 II can shoot 4K videos at extended lengths of up to 29 minutes, while the more casual, pocket-friendly RX100 IV can shoot 4K clips of up to approximately 5 minutes in length. Furthermore, professional caliber video features on both of the new cameras include Picture Profile, S-Log2/S-Gamut, and more.

Both cameras also have advanced dual video recording⁸ functionality which allows shooters to capture 16.8-megapixel still images simply by pressing the shutter button during video recording. Additionally, a new smart “Auto Dual Rec” function enables the cameras to capture still images automatically in any of 11 different composition patterns.

Versatility in Design, High Speed AF

The new RX100 IV maintains the compact, pocket-sized design of the RX100 family, and has a ZEISS® Vario-Sonnar T* 24-70mm (35mm equivalent) F1.8-F2.8 lens, while the new RX10 II has the same body design as the original RX10 and feature a ZEISS® Vario-Sonnar T* 24-200mm (35mm equivalent) F2.8 lens.

Each of the cameras is equipped with a new high-contrast XGA OLED Tru-Finder™ with approximately 2.35 million dots of resolution, ensuring true-to-life image preview and playback functionality. The RX100 IV continues to have the convenient retractable EVF with ZEISS® T* coating from the RX100 III model that debuted last year.



RX100 IV

Both of the two new cameras feature an upgraded Fast Intelligent AF system that enables high-speed, high-precision contrast detection of a moving subject in as little as 0.09 seconds⁹. Sony’s proprietary AF algorithm allows them to recognise and lock-in on a subject with a simple half-press of the shutter button at a much more efficient rate compared to previous models. The new cameras

⁸ Dual Recording cannot be used when record setting is set as follows:

RX10 II: 100p or in 4K recording. RX100 IV: 50p, 100p or in 4K recording.

⁹ Measured with RX10 II model, CIPA standard, internal measurement, at 8.8mm (Wide), EV7.0, Program Auto, AF area: Wide, in PAL mode.

are also Wi-Fi and NFC compatible, and have the ability to access Sony's growing range of PlayMemories Camera Applications. More information can be found here: www.sony.net/pmca.

Both of the new models feature a variety of customisable controls and buttons to fit the style of any shooters. The RX10 II further adds dust and moisture resistance.

A new stylish optional carrying case LCS-RXG is also introduced. Made of quality natural leather and available in brown and black colors, it is an ideal complement to the sleek designs of all the RX100 series cameras including the new RX100 IV.



The new Cyber-shot RX100 IV and RX10 II cameras from Sony will be available as follows:

Models	Prices	Launch Dates
Cyber-shot RX100 IV	HK\$7,290	June 30
Cyber-shot RX10 II	HK\$9,990	End of July

Order Now

From June 19 to June 23, 2015, the Cyber-shot RX100 IV is available for preordering at all Sony Stores, Sony Store online (www.sony.com.hk/store) and Sony sales hotline at (852) 2345-2966 as well as authorized dealers. Customers will receive a rechargeable battery pack NP-BX1 free of charge (worth HK\$290) during the preorder period.

A variety of exclusive stories and exciting new content shot with the new RX cameras and other high-end Sony imaging products can be found at www.sony.com/alpha, Sony's new community site built to educate, inspire and showcase all fans and customers of Sony imaging products.

The new content will also be posted directly at global sites www.youtube.com/c/imagingbySony and www.sony.net/product/di_photo_gallery for a full preview of Super Slow Motion footage and videos as well as still images shot with the new Sony Cyber-shot RX models. Customers can subscribe to view the updated footage.

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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Specifications of Cyber-shot digital camera DSC-RX100 IV:

Model		DSC-RX100 IV
Image Sensor		
Image Sensor	1.0 type (13.2 x 8.8mm) "Exmor RS" CMOS sensor, aspect ratio 3 : 2	
Number of Pixels	[Effective] Approx. 20.1 megapixels [Gross] Approx. 21 megapixels	
Lens		
Lens Type	ZEISS Vario-Sonnar T* Lens, 10 elements in 9 groups (9 aspheric elements including AA lens)	
Focal Length	f=8.8-25.7mm	
Focal Length (35mm equivalent)	[Still Image 3 : 2] f=24-70mm [Still Image 16 : 9] f=26-76mm [Still Image 4 : 3] f=25-73mm [Still Image 1 : 1] f=30.5-89mm [Movie 16 : 9] f=25.5-74mm(SteadyShot Standard), f=30-86mm(SteadyShot Active), f=33.5-95mm(SteadyShot Intelligent Active) (Movie 4K 16:9): f=28-80mm(SteadyShot Standard) (HFR 960fps) f=42-118mm(Quality Priority), f=60-170mm(Shoot Time Priority) (HFR 480fps) f=28-80mm(Quality Priority), f=42-118mm(Shoot Time Priority) (HFR 240fps) f=26-75mm(Quality Priority), f=28-80mm(Shoot Time Priority)	
F-number	F1.8(W)-2.8(T)	
Focal Range (From the front of the lens)	iAuto: AF (W: Approx. 5cm to Infinity, T: Approx. 30cm to Infinity) / Program Auto: AF (W: Approx. 5cm to Infinity, T: Approx.30cm to Infinity)	
ND Filter	Auto / On / Off	
Camera		
Imaging Processor	"BIONZ X"	
Total Zoom Magnification	Optical Zoom: 2.9x Clear Image Zoom: Still Image: 20M Approx. 5.8x / 10M Approx. 8.2x / 5M Approx. 11x / VGA Approx. 44x Digital Zoom: Still Image :20M Approx.11x / 10M Approx.16x / 5M Approx.23x / VGA Approx.44x	
Main Function		
Wi -Fi	Yes	
NFC	NFC: NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing	
Optical Zoom during Movie Recording	Optical Zoom: 2.9x Clear Image Zoom: Approx. 5.8x Digital Zoom: Approx.11x	
Focus Mode	Single - shot AF (AF - S) / Continuous AF (AF - C) / Direct Manual Focus (DMF) / Manual Focus	
Focus Area	Wide/ Center/ Flexible Spot (S/M/L)/ Expanded Flexible Spot/ Lock on AF(Wide/Center/Flexible Spot(S/M/L)/ Expanded Flexible Spot)	
Light Metering Mode	Multi Pattern/ Center Weighted/ Spot	

Aperture	iAuto(F1.8/F11(W)) / Program Auto(F1.8/F11(W)) / Manual(F1.8/F11(W)) / Shutter Priority(F1.8/F11(W)) / Aperture Priority(F1.8/F11(W))
Shutter Speed	iAuto(4" - 1/2000) / Program Auto(30" - 1/2000) / Manual(Bulb, 30" - 1/2000) / Aperture Priority(30" - 1/2000) / Shutter Priority(30" - 1/2000)
Electronic Shutter	iAuto(4" - 1/32000) / Program Auto(30" - 1/32000) / Manual(30" - 1/32000) / Aperture Priority(30" - 1/32000) / Shutter Priority(30" - 1/32000)
ISO Sensitivity(REI) (Still Image)	Auto(ISO125-12800, selectable with upper / lower limit,125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800 (Extendable to ISO80/100),Multi-Frame NR:Auto(ISO125-12800), 200/400/800/1600/3200/6400/12800/25600 * * Achieved by using overlay burst shooting.
Exposure Compensation	Plus / Minus 3.0EV, 1 / 3EV step
SteadyShot	[Still image] Optical [Movie] Intelligent Active Mode, Optical type with electronic compensation, Anti Rolling type
White Balance	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C.Temp., Filter / Custom WB micro adjustment: G7-M7,A7-B7
Shooting Mode (Still Image)	Superior Auto/ Intelligent Auto/ Program Auto/ Aperture Priority/ Shutter Speed Priority/ Manual Exposure/ MR(Memory Recall) 1,2,3, Movie Mode(Program Auto/ Aperture Priority/ Shutter Speed Priority/ Manual Exposure)/ Panorama/ Scene Selection/ HFR Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure)
Scene Selection	Portrait/ Sports Action/ Macro/ Landscape/ Sunset/Night Scene/ Hand-held Twilight/ Night Portrait/ Anti Motion Blur/ Pet/ Gourmet/ Fireworks/ High Sensitivity
Panorama	Sweep Panorama
Photo Creativity	Yes
Picture Effect	Toy Camera/ Pop Color/ Posterization/ Retro Photo/ Soft High-key/ Partial Color/ High Contrast Monochrome/ Soft Focus/ HDR Painting/ Rich-tone Monochrome/ Miniature/ Watercolor/ Illustration
Picture Effect for Movie	Toy camera/ Pop Color/ Posterization/ Retro Photo/ Soft High-key/ Partial Color/ High Contrast Mono
Creative Style	Standard/ Vivid/ Neutral/ Clear/ Deep/ Light/ Portrait/ Landscape/ Sunset/ Night Scene/ Autumn Leaves/ Black & White/ Sepia/ Style Box
Still Image: Number of Recorded Pixels(Image Size)	3:2mode: 20M(5,472×3,648) / 10M(3,888×2,592) / 5M(2,736×1,824), 4:3mode: 18M(4,864×3,648) / 10M(3,648×2,736) / 5M(2,592×1,944) / VGA, 16:9mode: 17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528), 1:1mode: 13M(3,648×3,648) / 6.5M(2,544×2,544) / 3.7M(1,920×1,920) , Sweep Panorama: Wide(12,416×1,856/5,536×2,160),Standard(8,192×1,856/3,872×2,160)
Still Image Number of recorded pixels (Image Size) during Movie	16:9mode:17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528)
Dynamic Range Function	Off, Dynamic Range Optimizer (Auto / Level 1-5), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0 - 6.0EV, 1.0 - EV step)

Flash Mode	Auto / Fill - flash / Slow Sync / Rear Sync / Off
Flash Range	ISO Auto: Approx.0.4m to 10.2m (W) / Approx. 0.4m to 6.5m (T), ISO12800: up to Approx. 20.4m (W) / Approx. 13.0m (T)
Continuous Shooting Speed (Maximum)	Speed Priority Continuous Shooting: approx. 16 fps, Continuous Shooting: approx. 5.5 fps (AF-S)
Monitor & Viewfinder	
Viewfinder	0.39-type electronic viewfinder(OLED), 2,359,296dots Brightness control: Auto, Manual(5steps) Field coverage: 100% Magnification: Approx. 0.59x with 50mm lens at infinity, -1m ⁻¹ (diopter) (35mm equiv.) Eye-point: Approx.20mm from the eyepiece, 19.2mm from the eyepiece frame at -1m-1(diopter) (CIPA standard) Diopter: -4.0 to +3.0m ⁻¹
LCD	7.5cm(3.0type)(4:3) / 1,228,800 dots / Xtra Fine / TFT LCD / Angle Adjustment: Up by approx. 180degrees, down by approx. 45degrees Brightness Control: Manual (5 steps) / Sunny Weather mode
Recording	
Recording Media * w/ Adaptor (not supplied)	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro*, Memory Stick Micro (Mark2) *, Memory Stick XC-HG Duo, SD Memory Card, SDHC Memory Card(UHS-I), SDXC Memory Card(UHS-I), microSD Memory Card*, microSDHC Memory Card*, microSDXC Memory Card*
Recording File Format	JPEG(DCF Ver.2.0,Exif Ver.2.3,MPF Baseline compliant), RAW (Sony ARW 2.3 format) Movie: XAVC S/ AVCHD format Ver.2.0 compatible/ MP4
Movie Recording Mode NTSC/PAL Selector: [PAL] mode	AVCHD: 28M PS(1,920x1,080/50p) / 24M FX(1,920x1,080/50i) / 17M FH(1,920x1,080/50i) / 24M FX(1,920x1,080/25p) / 17M FH(1,920x1,080/25p), XAVC S 4K: 25p 100M(3,840x2,160/25p) / 25p 60M(3,840x2,160/25p), XAVC S HD: 50p 50M(1,920x1,080/50p) / 25p 50M(1,920x1,080/25p) / 100p 100M(1,920x1,080/100p) / 100p 60M(1,920x1,080/100p), MP4: 28M(1,920x1,080/50p) / 16M(1,920x1,080/25p) / 6M(1,280x720/25p)
HFR NTSC/PAL Selector: [PAL] mode	XAVC S HD: 50p 50M(1,920x1,080/250fps), 50p 50M(1,920x1,080/500fps), 50p 50M(1,920x1,080/1000fps) / 25p 50M(1,920x1,080/250fps), 25p 50M(1,920x1,080/500fps), 25p 50M(1,920x1,080/1000fps) <Sensor Readout Number of effective pixels> Quality Priority: 240fps/250fps(1,824x1,026), 480fps/500fps(1,676x566), 960fps/1000fps(1,136x384) Shoot Time Priority: 240fps/250fps(1,676x566), 480fps/500fps(1,136x384), 960fps/1000fps(800x270)
Interface	Input and Output Terminal : Multi/Micro USB Terminal, Hi-Speed USB (USB2.0), Micro HDMI
General	
Battery	NP - BX1 (supplied)
Dimensions (W x H x D)	101.6 x 58.1 x 41.0 mm
Weight	Approx. 298g (Battery and Memory Stick Duo are included) / Approx. 271g (Body Only)
Print	Exif Print / PRINT Image Matching (PIM3) / Print Order Mark (DPOF) (Select / Folder / Date)

Others	<p style="text-align: center;"> Eye AF Face Detection Face Registration Smile shutter Quick Navi Digital Level Gauge (pitch and roll) WB Bracketing DRO Bracketing MF Assist Peaking Zebra Marker Display Micref Level Step Zoom/Quick Zoom Self-portrait timer Photographer Name & Copyright Beauty Effect (Skin Toning / Skin Smoothing / Shine Removal / Eye Widening / Teeth Whitening) PC Remote Control ISO Auto Minimum Shutter Speed 4K image output TRILUMINOS Color PlayMemories Camera Apps </p>
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Features and specifications are subject to change without notice.

Specifications of Cyber-shot digital camera DSC-RX10 II:

Model	DSC-RX10 II
Image Sensor	
Image Sensor	1.0 type (13.2 x 8.8mm) " Exmor RS " CMOS sensor, aspect ratio 3 : 2
Number of Pixels	[Effective] Approx. 20.2 megapixels [Gross] Approx. 21.0 megapixels
Lens	
Lens Type	Carl Zeiss Vario-Sonnar T*, 14 elements in 11 groups (7 aspheric elements including AA lens)
Focal Length (35mm equivalent)	f=8.8-73.3mm [Still Image 3 : 2] f=24-200mm [Still Image 16 : 9] f=25-213mm [Still Image 4 : 3] f=26-220mm [Still Image 1 : 1] f=31-259mm [Movie 16 : 9] f=26-212mm(SteadyShot Standard), f=29-305mm(SteadyShot Active), f=33-315mm(SteadyShot Intelligent Active) (Movie 4k 16:9) f=28-233mm(SteadyShot Standard) (HFR 960fps) f=41-330mm(Quality Priority), f=59-460mm(Shoot Time Priority) (HFR 480fps) f=28-233mm(Quality Priority), f=41-330mm(Shoot Time Priority) (HFR 240fps) f=26-212mm(Quality Priority), f=28-233mm(Shoot Time Priority)
F-number	F2.8 constant
Focal Range (From the front of the lens)	AF (W:Approx.3cm to infinity, T:Approx.25cm to infinity), Focus Range from the image sensor: AF (W:Approx. 13cm to infinity, T:Approx. 39cm to infinity)
Camera	
Imaging Processor	BIONZ X
Total Zoom Magnification (*1 Optical zoom from the wide side)	Optical Zoom: 8.3x (Optical Zoom during movie recording)
	Clear Image Zoom*1 [Still Image] : 20M Approx. 16x / 10M Approx. 23x / 5M Approx. 33x / VGA Approx. 126x [Movie] : Approx. 16x(including Optical Zoom)
	Digital Zoom*1 [Still Image] 20M approx. 33x/10M approx. 46x/5M approx. 66x/VGA approx. 126x (including Optical Zoom) [Movie] Approx. 33x (including Optical Zoom)
Main Function	
Focus Mode	Single - shot AF (AF-S) / Continuous AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus (MF)
Focus Area	Wide/ Center/ Flexible Spot (S/M/L)/ Expanded Flexible Spot/ Lock on AF(Wide/Center/Flexible Spot(S/M/L)/Expanded Flexible Spot)
Light Metering Mode	Multi Pattern/ Center Weighted/ Spot
Aperture	iAuto(F2.8/F11) / Program Auto(F2.8/F16) / Manual(F2.8/F16) / Shutter Priority(F2.8/F11) / Aperture Priority(F2.8/F16)
Shutter Speed	iAuto(4"-1/3200*) / Program Auto(30"-1/3200*) / Manual Exposure(Bulb, 30"-1/3200*) / Aperture Priority(30"-1/3200*) / Shutter Priority(30"-1/3200*) *At F8 or greater aperture value. Fastest limit at F2.8 is 1/1600sec.
Electronic Shutter	iAuto(4"-1/32000) / Program Auto(30"-1/32000.) / Manual Exposure(30"-1/32000.) / Aperture Priority(30"-1/32000) / Shutter Priority(30"-1/32000)
ISO Sensitivity(REI) (Still Image)	Auto(ISO100-12800, selectable with upper / lower limit),100/125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000

	/5000/6400/8000/10000/12800 (Extendable to ISO64/80),Multi-Frame NR:Auto(ISO100-12800),100/ 200/400/800/1600/3200/6400/12800/25600 * * Achieved by using overlay burst shooting.
Exposure Compensation	+/- 3.0EV, 1/3EV step
SteadyShot	[Still image] Optical [Movie] Intelligent Active Mode, Optical type with electronic compensation (Anti-rolling)
White Balance	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C.Temp., Filter / Custom WB micro adjustment: G7-M7,A7-B7
Shooting Mode (Still Image)	Program Auto/ Aperture Priority/ Shutter Speed Priority/ Manual Exposure/ MR(Memory Recall) 1,2,3 / Movie Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure)/ Panorama/ Scene Selection/ AUTO(Intelligent Auto/Superior Auto)/ HFR Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure)
Scene Selection	Portrait, Anti Motion Blur, Sports Action, Macro, Landscape, Sunset, Night Scene, Hand-held Twilight, Night Portrait
Panorama	Sweep Panorama
Picture Effect	Toy Camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Monochrome, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
Picture Effect for Movie	Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono.,
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia, Style Box
Still Image: Number of Recorded Pixels(Image Size)	3:2mode:20M(5,472×3,648) / 10M(3,888×2,592) / 5M(2,736×1824) / 4:3mode:18M(4,864×3,648) / 10M(3,648×2,736) / 5M(2,592×1,944) / VGA / 16:9mode:17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528)/ 1:1mode:13M(3,648×3,648) / 6.5M(2,544×2,544) / 3.7M(1,920×1,920) Sweep Panorama:Wide(12,416×1,856/5,536×2,160)/Standard(8,192×1,856/3,872×2,160)
Still Image Number of recorded pixels (Image Size) during Movie	16:9mode:17M(5,472×3,080) / 7.5M(3,648×2,056) / 4.2M(2,720×1,528)
Dynamic Range Function	Off, Dynamic Range Optimizer (Auto / Level 1-5), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0 - 6.0EV, 1.0 - EV step)
Flash Mode	Auto / Flash On / Slow Synchro / Rear Sync. / Flash Off / Wireless(with optional compliant flash)
Flash Range	ISO Auto: Approx. 1.0m to 10.2m, ISO 12800: up to Approx. 20.4m
Continuous Shooting Speed (Maximum)	Approx.14 fps (Speed Priority Continuous Shooting) Approx. 5 fps (AF-S) (Continuous Shooting)
Monitor & Viewfinder	
Viewfinder	0.39-type electronic viewfinder(XGA - OLED), 2,359,296dots / Brightness control: Auto, Manual(5steps) Field coverage: 100% Magnification: Approx. 0.70x with 50mm lens at infinity, -1m ⁻¹ (diopter) (35mm equiv.) Eye-point: Approx.23mm from the eyepiece, 21.5mm from the eyepiece frame at -1m ⁻¹ (diopter) (CIPA standard) Diopter: -4.0 to +3.0m ⁻¹
LCD	7.5cm(3.0type)(4:3) / 1,228,800 dots / Xtra Fine / TFT LCD / Angle Adjustment: Up by approx. 107degrees, down by approx. 42degrees Brightness Control: Manual (5 steps) / Sunny Weather mode
Recording	
Recording Media * w/ Adaptor (not supplied)	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro*, Memory Stick Micro (Mark2)*, SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card*, microSDHC Memory Card*,

	microSDXC Memory Card*
Recording File Format	Still Image: JPEG, RAW (Sony ARW 2.3 format), Movie: XAVC S / AVCHD Ver.2.0, MP4
Movie Recording Mode NTSC/PAL Selector: [PAL] mode	AVCHD: 28M PS(1,920x1,080/50p) / 24M FX(1,920x1,080/50i) / 17M FH(1,920x1,080/50i) / 24M FX(1,920x1,080/25p) / 17M FH(1,920x1,080/25p), XAVC S 4K: 25p 100M(3,840x2,160/25p) / 25p 60M(3,840x2,160/25p), XAVC S HD: 50p 50M(1,920x1,080/50p) / 25p 50M(1,920x1,080/25p) / 100p 100M(1,920x1,080/100p) / 100p 60M(1,920x1,080/100p), MP4: 28M(1,920x1,080/50p) / 16M(1,920x1,080/25p) / 6M(1,280x720/25p),
HFR NTSC/PAL Selector: [PAL] mode	XAVC S HD: 50p 50M(1,920x1,080/250fps), 50p 50M(1,920x1,080/500fps), 50p 50M(1,920x1,080/1000fps) / 25p 50M(1,920x1,080/250fps), 25p 50M(1,920x1,080/500fps), 25p 50M(1,920x1,080/1000fps) <Sensor Readout Number of effective pixels> Quality Priority: 240fps/250fps(1,824x1,026), 480fps/500fps(1,676x566), 960fps/1000fps(1,136x384) Shoot Time Priority: 240fps/250fps(1,676x566), 480fps/500fps(1,136x384), 960fps/1000fps(800x270)
Interface	
Interface	Multi/Micro USB Terminal , Hi-Speed USB (USB2.0), Micro HDMI, Microphone(3.5 mm Stereo minijack), Multi Interface Shoe, Headphones NFC: NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing Wi-Fi: Yes (IEEE802.11b/g/n(2.4GHz band))
General	
Battery	Rechargeable battery pack NP-FW50
Dimension (W x H x D)	129.0 x 88.1 x 102.2mm
Weight	Approx. 813g (Battery and Memory Stick Duo are included) / Approx. 770g (Body Only)
Print	Exif Print / PRINT Image Matching (PIM3) / Print Order Mark (DPOF) (Select / Folder / Date)
Others	Eye AF Face Detection Face Registration Smile shutter Quick Navi Digital Level Gauge (pitch and roll) WB Bracket DRO Bracketing MF Assist Peaking Zebra Marker Display Audio Level Display Audio Out Timing Step Zoom/Quick Zoom Photographer Name & Copyright ISO Auto Minimum Shutter Speed 4K image output Support TRILUMINOS Color PC Remote Control PlayMemories Camera Apps

Features and specifications are subject to change without notice.