

SONY

DSC-RX10M4/B

Cyber-shot High Zoom Digital Camera

Featuring the world's fastest¹ AF acquisition time of 0.03 seconds² and up to 24 fps⁴ continuous shooting with full AF/AE tracking, a 315 point phase-detection AF system as well as an exceptionally versatile 24-600mm³ F2.4-F4 ZEISS® Vario-Sonnar T* lens, the new RX10 IV delivers an unmatched combination of mobility and speed for imaging enthusiasts and professionals looking for the ultimate 'all-in-one' solution.



Key Features

World's Fastest¹ AF acquisition speed of 0.03 sec.²

The RX10IV features the world's fastest¹ AF acquisition time thanks to its 1" Exmor RS® stacked back illuminated CMOS sensor w/ DRAM and fast Hybrid AF system that combines the respective advantages of 315 phase-detection AF points - covering approximately 65% of the sensor - and contrast-detection AF to ultimately enable the camera to lock focus in as little as 0.03 seconds². Subjects can be tracked and captured with precise detail and clarity within the extensive 24-600mm³ range.

Incredible Exmor RS® stacked CMOS sensor

This large 1" (1.0-type) back illuminated Exmor RS® stacked image sensor with DRAM chip not only enhances efficiency and speed of A/D conversion through its stacked structure due to more circuit sections; it also realizes super-fast readout speed - thanks to a DRAM chip integrated into the sensor structure. Together with the BIONZ X® processing engine and front-end LSI, it allows for stunning 20.1-megapixels at up to 24fps⁴ continuous shooting up to 249 frames⁵ with AF/AE tracking, blazingly fast shutter speed of up to 1/32000 sec., breathtaking 4K6 movie and super slow-motion HFR7 (High Frame Rate) movie clip recording of up to 960fps (40x), not to mention remarkable low-light low-noise capability.

ZEISS® Vario-Sonnar T* 24-600mm³ ultra-zoom lens

The astonishing 24-600mm³ ZEISS® Vario-Sonnar T* lens features a large maximum aperture of F2.4-F4.0, helping it achieve outstanding image quality throughout the entire ultra-telephoto zoom range. Eight ED (extra-low dispersion) glass elements including two ED aspherical and one Super ED lenses compensate for the chromatic aberration while the ZEISS® T* Coating helps reduce flare and ghosting. This incredible lens also features built-in Optical SteadyShot™ image stabilization and a minimum focusing distance of 2.36 ft. with 0.49x maximum magnification for tele-macro photography.

24 fps⁴ up to 249 frames⁵ with AF/AE tracking

Designed to allow for high resolution, continuous shooting at high frame rates, the RX10 IV features a BIONZ X® image processing engine with front-end LSI that achieves high-speed continuous shooting of 20.1-megapixel images at up to 24 fps⁴ with full AF/AE tracking, and an impressive buffer limit of up to 249 images⁵. With the significant improvements in processing power for the RX10 IV, EVF display lag during continuous shooting has been substantially reduced, allowing you to capture the decisive moment with ultimate confidence. Also, for convenience during image playback, continuously shot images can be displayed in groups instead of individual shots.

4K⁶ movie w/ direct pixel readout, no pixel binning and fast AF

RX10 IV offers the advantages of 4K⁶ (QFHD 3840 x 2160) movie recording, with its Fast Hybrid AF system, realizing fast and accurate focusing speed and AF tracking for video. In 4K⁶ mode, the new RX10 IV utilizes full pixel readout without pixel binning, capturing approximately 1.7x more information than is required for 4K⁶ movie output ensuring that all the finest details are captured accurately. Utilizing the XAVC S™⁹ codec to record video at a high data rates, users have the option of shooting at either 24p or 30p in 4K⁶ mode up to 100mpbs, or in frame rates of up to 120p in Full HD mode.

Super-speed Anti-Distortion Shutter

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The super-speed Anti-Distortion Shutter has a maximum shutter speed of up to 1/32000 second, which minimizes the "rolling shutter" effect commonly experienced with fast moving subjects. This blazingly fast shutter speed also allows the camera to capture sharp, crystal clear images with a wide open aperture in bright conditions. Shooting at wide aperture with fast shutter speed 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-density Tracking AF technology.

For the first time on a RX-series camera, advanced high-density tracking AF technology - which had only been previously available in a select few of Sony's acclaimed line of α interchangeable lens cameras - concentrates AF points around a subject to improve tracking and focus accuracy, allowing even the most unpredictable subjects including fast-moving athletes and birds in flight to be captured with ease.

Optical SteadyShot™ image stabilization

The built-in Optical SteadyShot™ image stabilization helps to reduce image blur caused from camera shake, equivalent to approximate 4.5 stops shutter speed improvement, which is especially handy at high magnification when the lens is fully extended to 600mm, but equally as good throughout the entire zoom range.

Tele-macro up to 600mm³ as close as 2.36 ft.

With a minimum focusing distance of 2.36 ft (72 cm) and 0.49x maximum magnification at a fully extended 600mm³, the ZEISS® Vario-Sonnar T* 24-600mm³ F2.4-F4.0 lens is capable of producing amazingly detailed tele-macro images.

Designed for a pro-video workflow

The RX10 IV has a variety of including Picture Profile, S-Log3/S-Gamut3, Gamma Display Assist, Proxy recording, Time Code / User Bit and more, as well as input for external microphone via MI (multi-interface) shoe or mic jack and output for headphone monitoring. Focus and exposure can be monitored for fine control with peaking function and zebra respectfully. You also have the choice of region setting between NTSC and PAL movie frame rates.

Super slow-motion movie HFR⁷ (High frame rate)

See the unseen with super slow-motion HFR⁷ (High Frame Rate). The RX10 IV can capture super slow motion movie clips at up to 40x slower than real time. You can chose from 960fps, 480fps or 240fps⁴ capture rates to playback at 1920 x 1080, in either 60p, 30p or 24p. Choose between "quality priority" (4 sec. recording) and "shoot time priority" (7 sec. recording). There's also an option to set "start trigger", "end trigger" or "end trigger half" which will start capturing movie before, after or before and after you press the movie rec. button so you can time those split-second moments perfectly.

2.35M dot high-contrast XGA OLED Tru-Finder™ electronic viewfinder

View every scene in rich detail with the bright XGA OLED Tru-Finder™ electronic viewfinder (EVF) with high resolution equivalent to approx. 2,359k-dots. The viewfinder faithfully displays what will appear in your recording, including the effects of your camera settings, so you can accurately frame your image, focus and monitor the results. The ZEISS® T* coating enhances clarity and reduces flare and reflection in the eyepiece optics.

1.44M dot 3" tiltable LCD screen with Touch Focus/Pad function

Frame your images easily with a large 3" (1,44M dots) Xtra Fine™ tiltable LCD display. This also makes it easy to photograph over crowds or low to capture images with the camera low to the ground. WhiteMagic™ technology dramatically increases visibility in bright daylight. The large display delivers brilliant-quality still images and movies while touchscreen operation vastly enhances focus capabilities for intuitive and immediate focus response. Simply select a focus point anywhere on the LCD for fast and accurate AF response. When using the electronic viewfinder, simply shift focus points by dragging your finger to the desired subject point, using the LCD as a touchpad. Touching the LCD screen during movie recording allows for smooth focus point shifts.

Enhanced AF features

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In addition to touchscreen and touchpad focus operation, other AF improvements in the new RX10 IV include an enhanced version of the popular Eye AF for accurate focus and tracking of a subject's eye as well as an improved object tracking and lock-on AF features. AF-ON setting is also assignable, as well as multiple AF modes including AF-S, AF-C and AF-A, which can be easily adjusted based on user preferences and shooting situations.

Wi-Fi®/NFC™/QR code for easy file transfer or remote control

Thanks to built-in Wi-Fi®, you can easily connect to a compatible iOS or Android™ smartphone or tablet with the free PlayMemories™ Mobile App. From there you can control your camera, preview and frame using your mobile device and trigger the camera shutter or movie button. Then instantly transfer a photo or MP4 movie to your device. NFC™ (Near Field Communication) provides "one-touch connection" connection to compatible devices and for those without NFC, the convenient QR code can make the connection. Setting up your mobile device is as simple as downloading a free PlayMemories Mobile app (www.sony.net/pmm/).

Dust/moisture resistant⁸ magnesium-alloy body

The use of highly rigid magnesium alloy material for the top cover, front cover, and main chassis makes the body solid yet light, while combined with dust- and moisture-resistant design⁸ ensures heavy-duty performance in various tough situations.

Zoom Assist¹⁰

If you lose track of the subject during framing, pressing a custom button to activate this function triggers an automatic zoom-out to help in finding the subject again quickly, especially when framing a shot with the ultra telephoto end of the lens.¹⁰ Zoom Assist function must be assigned to this Custom Button prior to use.

Clear Image Zoom

Whether shooting still images or movies, this feature digitally zooms the center of your image up to 2x with nearly imperceptible degradation, thanks to proprietary By Pixel Super Resolution Technology. If you need to get even closer to your subject, select digital zoom for up to 4x cropping into your image to an astonishing 2400mm.

HDMI® clear output for uncompressed video recording

Clean, uncompressed digital movie signal output can be transferred to an external monitor/recorder connected to the RX10 IV via the HDMI® terminal. You can record video simultaneously to internal media and uncompressed video to the external recorder in real time.

Enhanced operability

Rings for focus, zoom and aperture around the lens can be smoothly operated. For convenient shooting, you can turn Aperture Click Switch on for stepwise clicks of assurance, or off for a quiet, smooth feel when setting the aperture for video. The zoom ring direction can be selected for your convenience as well as the zoom speed and whether it zooms smoothly or in common focal length steps; 24mm, 28mm, 35mm, 50mm, 70mm, 85mm, 100mm, 135mm, 200mm, 300mm, 400mm, 500mm and 600mm³.

Power supply via USB

The RX10 IV can be powered via USB connection to AC adaptor, a PC or mobile battery. This conserves the camera's battery, allowing you extended use of the camera. When the camera is turned off, the battery can be charged via the same connection.

Custom "My Menu"

To enhance customization, "My Menu" functionality has been added, allowing up to 30 frequently used menu items to be custom registered. Menus are color coded for easier recognition and navigation, and a new Movie Settings menu has been introduced to improve the overall video shooting experience. There are also three dedicated custom buttons as well as a Function (FN) menu for fast and direct access to your preferred features and setting.

Specifications

Camera

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)

Aperture	iAuto (F2.4/F11) / Program Auto(F2.4/F16) / Manual(F2.4/F16) / Shutter Priority(F2.4/F11) / Aperture Priority(F2.4/F16)
Continuous Shooting Speed (max) (Max number of recoded pixels)	Continuous Shooting Hi: approx. 24 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 3.5 fps
Creative Style	Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene, Autumn Leaves, Black & White, Sepia, Style Box
Drive modes	Single Continuous shooting(Hi/Mid/Lo) Self-timer Self-timer(cont.) Cont.-bracketing* Single-bracketing* White balance bracketing* DRO bracketing* * Self-Timer is available.
Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto/Level 1-5), Auto High Dynamic Range(Auto Exposure Difference, Exposure difference Level (1.0-6.0EV, 1.0EV step))
Exposure Compensation	+/- 3.0EV, 1/3EV step
Exposure Control	Yes
Focus Area	Wide (315 points (phase-detection AF), 25 points(contrast-detection AF)) Center Flexible Spot (S/M/L) Expanded Flexible Spot Lock on AF(Wide/Center/Flexible Spot(S/M/L)/Expanded Flexible Spot)
Focus Mode	Single-shot AF Automatic AF Continuous AF DMF Manual Focus
Image Control	Contrast / Saturation / Sharpness / Creative Style / Color Space(sRGB / Adobe RGB) / Quality(RAW / RAW&JPEG / Extra fine / Fine / Standard)
Imaging Processor BIONZ™	BIONZ X
ISO Sensitivity (Movie)	Auto:(ISO100Level-ISO12800Level, 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
ISO Sensitivity (Still Image)	Auto(ISO100-12800, selectable with upper / lower
Light Metering Mode	Multi Pattern Center Weighted Spot(Standard/Large) Entire Screen Avg
Minimum Illumination (Movie)	Auto: 2.4lux (Shutter Speed 1/30")
Panorama	Sweep Panorama
Picture Effect for Movie	Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono.
Picture Effect for Still	Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial, Color, High Contrast Mono., Soft Focus, HDR Painting, Richtone Monochrome, Miniature, Watercolor, Illustration
Scene Selection	Portrait / Sports Action / Macro / Landscape / Sunset / Night Scene / Handheld Twilight / Night Portrait / Anti Motion Blur
Self-Timer	10sec. / 5sec. / 2sec. / 3 or 5 consecutive shots with 10sec. 5sec. or 2sec. delay selectable / Bracketing shots with 10sec. 5sec. or 2sec. delay selectable

Shooting Mode	AUTO(Intelligent Auto/Superior Auto) Program Auto Aperture Priority Shutter Speed Priority Manual Exposure MR(Memory Recall) (body 3 sets / memory card 4 sets) Movie Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure) HFR Mode(Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure) Panorama Scene Selection
Shutter Speed	iAuto(4 th -1/2000*) / Program Auto(30 th -1/2000*) / Manual Exposure(Bulb, 30 th -1/2000*) / Aperture Priority(30 th -1/2000*) / Shutter Priority(30 th -1/2000*) *At F8 or greater aperture value. Fastest limit at F2.4 is 1/1000.
WB micro adjustment	Yes (G7 to M7,57-stepA7 to B7,29-step)
White Balance Mode	Auto Daylight Shade Cloudy Incandescent Fluor.: Warm White Fluor.: Cool White Fluor.: Day White Fluor.: Daylight Flash C.Temp./Filter Custom
Camera/ Flash	
Flash Mode	Auto / Flash On / Slow Synchro / Rear Sync. / Flash Off / Wireless(with optional compatible flash)
Flash Range	ISO Auto: Approx. 1.0m to 10.8m (3.28 ft. to 35.43 ft.) (W) / Approx. 1.0m to 6.5m (3.28 ft. to 21.33 ft.) (T), ISO12800: up to Approx. 20.8m (68.24 ft.) (W) / Approx. 12.8m (41.99 ft.) (T)
Camera / Number of Recognized Scene	
Movie	44
Still Image	Superior Auto: 44 / iAuto: 33
Camera2	
AE locked when focus is locked	Yes
Auto Orientation	On only
Camera2/Face Detection	
Mode	Off/On(Regist Faces)/On Face Registration: New Registration / Order Exchanging / Delete / Delete All Maximum number of detectable faces: 8 faces
Camera2/Focus	
Focusing Type	Fast Hybrid AF(phase-detection AF/contrast-detection AF)
Camera2	
Auto Control Range	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.
Red Eye Reduction	On / Off
Metering Sensitivity	EV 2 to 22 (at ISO100 equivalent)
Camera2/Flash	
Bracketing	Yes
Control	P-TTL

External Flash	Sony α System Flash compatible with Multi Interface Shoe, attach the optional shoe adaptor for flash compatible with Auto-lock accessory shoe
Flash Compensation	+/- 3.0 EV (1/3 EV steps)
Flash Sync. Speed	Mechanical shutter: synchronously-controlled with shutter speed / Electronic Shutter:1/100sec
Flash Type	Built-in, manual pop-up
Recycling Time	Approx. 5 sec.
Imaging Sensor	
Effective Picture Resolution	20.1 Megapixels (approx.)
Imaging Sensor	1.0-type (13.2 x 8.8 mm) Exmor RS CMOS sensor, aspect ratio 3:2
Pixel Gross	21.0 Megapixels (approx.)
Interface	
Input and Output Terminal	Multi/Micro USB Terminal* , Hi-Speed USB (USB2.0), Micro HDMI, Microphone(3.5 mm Stereo minijack), Multi Interface Shoe, Headphones *Supports Micro USB compatible device.
Wi-Fi	Yes (IEEE802.11b/g/n (2.4GHz band))
Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (2.4GHz band))
Interface2/Wi-Fi	
Ctrl with Smartphone	Yes
Send to Smartphone	Yes (Select on This Device / Select on Smartphone)
Interface2	
Multi Interface Shoe	Yes *Sony accessories for the Accessory Shoe can be attached.
Interface2/NFC	
One-touch remote	Yes
One-touch sharing	Yes
Lens	
35mm format equivalent (Movie16:9)	f=26-630 mm (SteadyShot Standard), f=27-890 mm (SteadyShot Active), f=30-910 mm (SteadyShot Intelligent Active) Movie 4K: f=28-680 mm (SteadyShot Standard)
35mm format equivalent (Still Image1:1)	f=31-760mm
35mm format equivalent (Still Image16:9)	f=26-630mm
35mm format equivalent (Still Image3:2)	f=24-600mm
35mm format equivalent (Still Image4:3)	f=27-650mm
F-number (Maximum Aperture)	F2.4(W)-4.0(T)
Focal Length (f =)	f=8.8-220mm
Focus Range (from the front of the lens)	AF (W: Approx. 3cm (0.10 ft.) to infinity, T: Approx.72cm (2.36 ft.) to infinity, f=250mm (35mm format equivalent): Approx. 140cm (4.59ft.) to infinity), Focus range from the image sensor: AF (W: Approx. 18cm (0.59 ft.) to infinity, T: Approx. 92cm (3.02 ft.) to infinity, f=250mm (35mm format equivalent): Approx. 157cm (5.16ft.) to infinity)
Lens Type	ZEISS Vario-Sonnar T* Lens, 18 elements in 13 groups (6 aspheric elements including AA lens)
Lens/ Clear Image Zoom	
Movie	4K: Approx. 37.5x HD: Approx. 50x
Still Image	20M Approx. 50x / 10M Approx. 70x / 5M Approx. 100x / VGA Approx. 380x
Lens/ Digital Zoom	
Movie	Digital Zoom Approx.100x
Still Image	20M Approx.100x / 10M Approx.140x / 5M Approx.200x / VGA Approx.380x
Lens/ Optical Zoom	
Still Image, Movie	25x(Optical Zoom during movie recording)

Lens2	
Color Filter	R,G,B primary color mosaic filters
Filter diameter	72 mm
Linear Focus	Yes
Scan System	Progressive scan
Menu, Indicator/Function Guide	
Beep	Yes (On:All/On:Shtutter Only/Off)
Function Guide	Yes
Histogram Indicator	Yes (On/Off)
Microphone / Speaker	
Built-in Microphone	Stereo
Speaker	Mono
Volume Setting	16 steps
Wind noise reduction	Off / On
Monitor, Viewfinder2	
Display Selector (FINDER/LCD)	Auto/EVF(Manual)/Monitor(Manual)
Image Quality Selection	Yes (High/Standard)
Operating Speed	
Continuous Shooting (Maximum number of recoded pixels)	Approx.0.04 sec * * Speed will be slowing after taking some shots.
Shutter Release Time Lag	Approx. 0.012 sec.
Optics/Lens	
Focal Length (35mm equivalent)	(HFR 960fps) f=38-900mm(Quality Priority), f=52-1220mm(Shoot Time Priority) (HFR 480fps) f=26-630mm(Quality Priority), f=37-870mm(Shoot Time Priority) (HFR 240fps) f=26-630mm(Quality Priority), f=26-630mm(Shoot Time Priority)
Other Functions	
Area Setting	Yes
Clock Function, Setting	Yes
Demo Mode	On / Off
Power Saving	10sec / 1min / 2min / 5min / 30min
Write Date	On / Off
Optional Accessory Capability	
Tripod Receptacle	Yes
Others	
4K Image output	Yes
Digital Level Gauge	Yes (Pitch and roll)
Operating Speed	Start-up Time (Approx. 1.6 sec.) / Shooting Time Lag (Approx. 0.07 sec.) / Shooting Interval (Approx. 0.41 sec.)
Other Playback Function	BRAVIA Sync(Control for HDMI)/ 9/25-frame index view/ Auto Orientation Slide Show/ Forward/Rewind (Movie)/ Delete/ Protect/ Motion Shot Video/ Photo Capture
Other Shooting Functions	Eye AF/ Face Detection/ Face Registration/ Still Image Recording (during movie recording)/ Smile shutter/ Grid Line / 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/ TC/UB/ Photographer Name & Copyright/ ISO Auto Minimum Shutter Speed/ PC Remote Control/ Zoom Assist/ Focus Hold/ Gamma Disp. Assist/ (Mov)AF Track Sensitivity/ (Mov)AF Drive Speed/ Set File Name/ Focus Range Limiter* *Only when 35mm-equivalent focal length is within 150-600 mm range.
TRILUMINOS Color	Yes
PC Link2	
PlayMemories Home	Yes
Playback	

Maximum Playback Size	Under 20M (5,472 x 3,648)
Playback2	
Auto Orientation (Auto pict rotation in response to camera position in playback)	Yes
Automatic Image Rotation	Yes
Delete	Single / Select / Folder / Date / Group
Index	9 / 25 images
Protect	Select / Folder / Date / Group
Rotate	Yes
Zoom Magnification of Playback Mode	Depends on Image Size
from 16:9Movie to Still Image Size	XAVC S 4K : 8.3M(3840x2160) XAVC S HD : 2.1M(1920x1080) AVCHD : 2.1M(1920x1080)
Playback2/Single Image	
Cue, Review (Movie)	Yes
Slow Playback (Movie)	Yes
Playback2/Slide Show	
Movie	Yes
Video Out	4k (HDMI)
Playback2/Slide Show Settings	
Image	All
Interval	1 / 3 / 5 / 10 / 30 sec.
Repeat	On / Off
Power	
Battery System	Rechargeable battery pack NP-FW50
Power Consumption (Camera mode)	Approx. 2.2W with LCD monitor and approx. 2.4W with viewfinder
Power Source	DC7.2V (supplied battery) / DC5.0V(supplied AC Adaptor)
USB Charge/USB Power Supply	Yes (Shooting, Playback)
When shooting actual movie(CIPA)	Monitor: Approx. 75 min., ViewFinder: Approx. 75 min.
When shooting continuous movies (CIPA)	Monitor: Approx. 135 min., ViewFinder: Approx. 135 min. * Based on non-stop recording until the limit (29 minutes or 4GB) has been reached, and then continued recording again. Shooting functions such as zoom will not be available.
When shooting still images (CIPA)	Monitor: Approx. 400 / Approx. 200min., ViewFinder: Approx. 370 / Approx. 185min.
Power, Others/AC Adaptor (Supplied)	
Output voltage	DC 5.0V, 1500mA
Power Requirements	AC 100V to 240V, 50/60 Hz, 0.2A
Power, Others	
Body Material	Plastic Body
Operating Temperature	32 F. - 104 degrees F. (0 C. - +40 degrees C.)
Storage Temperature	-4 F. - +131 degrees F. (-20 C. - +55 degrees C)
Power, Others/Supplied Battery	
Capacity for Shooting	7.3Wh (1020mAh)
Maximum charge current	1.02A
Maximum charge voltage	DC 8.4V
Maximum Voltage	8.4V
Nominal Voltage	7.2V
Print	
Exif Print	Yes
PRINT Image Matching (PIM3)	Yes
Recording	

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Color Space (Still)	sRGB, Adobe RGB
DCF/DPOF	DCF/DPOF/EXIF/MPF
Recording Format(Movie)	XAVC S AVCHD format Ver.2.0 compatible
Recording Format(Movie Audio)	XAVC S:LPCM 2ch AVCHD:Dolby Digital(AC-3) 2ch(Dolby Digital Stereo Creator)
Recording Format(Still Image)	JPEG (DCF Ver.2.0,Exif Ver.2.31,MPF Baseline compliant), RAW (Sony ARW 2.3 format)
Still Image Number of recorded pixels (Image Size)	3:2 mode:20M (5,472×3,648) / 10M (3,888×2,592) / 5M (2,736×1,824),4:3 mode:18M (4,864×3,648) / 10M (3,648×2,736) / 5M (2,592×1,944) / VGA,16:9 mode: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) During movie: 16:9 mode:17M (5,472×3,080) / 7.5M (3,648×2,056) / 4.2M (2,720×1,528)
Media Type	Memory Stick Duo Memory Stick PRO Duo Memory Stick PRO Duo(High Speed) Memory Stick PROHG Duo Memory Stick Micro*9 Memory Stick Micro (Mark2)*9 SD Memory Card SDHC Memory Card(UHS-I) SDXC Memory Card(UHS-I) microSD Memory Card* microSDHC Memory Card* microSDXC Memory Card* *Supports Micro USB compatible device.
Video Resolution	NTSC/PAL Selector: (PAL) mode AVCHD: FX- 1,920x1,080/ 50i @ 24Mbps FH- 1,920x1,080/ 50i @ 17Mbps XAVC S 4K: 3,840x2,160/ 25p @ 100Mbps 3,840x2,160/ 25p @ 60Mbps XAVC S HD: 1,920x1,080/50p / 50p @ 50Mbps 1,920x1,080/50p / 25p @ 25Mbps 1,920x1,080/25p / 25p @ 50Mbps 1,920x1,080/25p / 100p @ 16Mbps 1,920x1,080/100p / 100p @ 100Mbps 1,920x1,080/100p @60Mbps (NTSC) AVCHD: FX-1,920x1,080/ 60i @ 24Mbps FH-1,920x1,080/60i @ 17Mbps XAVC S 4K: 3,840x2,160/ 30p @ 100Mbps 3,840x2,160/30p @ 60Mbps 3,840x2,160/24p @ 100Mbps 3,840x2,160/24p @ 60Mbps XAVC S HD: 1,920x1,080/60p @ 50Mbps 1,920x1,080/60p @ 25Mbps 1,920x1,080/30p @ 50Mbps 1,920x1,080/30p @ 16Mbps 1,920x1,080/24p @ 50Mbps 1,920x1,080/120p @100Mbps 1,920x1,080/120p @ 60Mbps
Recording2/Capacity on a memory card that tested and proven with cameras	
Memory Stick Micro	16GB
microSD Memory Card	64GB

Recording ²	
Recording Format	Still Images: JPEG (DCF, Exif, MPF Baseline) compliant, DPOF compatible
Screen	
Adjustable angle	Up by approx. 109 degrees, down by approx. 41 degrees
Brightness control	Manual (5 steps) / Sunny Weather
Display panel(on top)	Yes
Screen Type	3.0type (7.5 cm) (4:3) / 1,440,000 dots / Xtra Fine / TFT LCD
USB	
LUN Settings (Multi/Single)	Multi / Single
Auto (MultiConfiguration)	Yes
Mass Storage	Yes
MTP	Yes
Video Out	
2D (Auto)	Yes
Video Out Mode	NTSC / PAL
Weights and Measurements	
Dimensions (Approx.)	5 1/4 x 3 3/4 x 5 3/4 in. (132.5 x 94.0 x 145.0 mm) 5 1/4 x 3 3/4 x 5 1/8 in. (132.5 x 94.0 x 127.4 mm) (from front of lens to monitor) AC Adaptor (supplied): 29/32 x 1 1/4 x 1 3/4 in (23.0 x 31.6 x 43.3 mm)
Weight (Approx.)	2lb 6.7oz (1095 g))(Battery and SDXC Card are included) (CIPA compliant) 2lb 5.1oz. (1050 g) (Body Only)
Accessories	
Supplied Accessories	Rechargeable Battery Pack NP-FW50 AC AdaptorAC-UUD12 Micro USB cable Shoulder strap Lens cap Shoe cap Lens hood Eyepiece Cup Instruction Manual

1. Among fixed lens digital cameras with 1.0-type sensor. As of September 2017 press release, based on Sony research

2. CIPA standard, internal measurements, at f=8.8mm (wide-end), EV6.8, Program Auto, Focus mode: AF-A, AF area: Center

3. 35mm equivalent

4. With "Continuous shooting mode: Hi"

5. With "Continuous shooting mode: Hi" and "Image quality: Fine"

6. 3,840 x 2,160 pixels. A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. UHS-I (U3) SDHC/SDXC card is required for 100Mbps.

7. Sound cannot be recorded. A class 10 or higher SDHC/SDXC memory card is required

8. Not guaranteed to be 100% dust and moisture proof.

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