

SONY

New Products Information

Digital Still Camera



Eyes uncompromised. Focus far ahead.

RX10 IV

The Power of Imaging

BE MOVED

Cyber-shot



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 **Safety Cautions**

To ensure correct use of this product, read the "Instruction Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents. Do not use headphones while driving and cycling, etc.

Main specifications of DSC-RX10M4

Image Sensor		
Sensor Type	1.0-type (13.2mm x 8.8mm) Exmor RS CMOS sensor, aspect ratio 3:2	
Number of Gross Pixels	Approx. 21.0 Megapixels	
Number of Effective Pixels	Approx. 20.1 Megapixels	
Lens		
Lens Type	ZEISS Vario-Sonnar T* Lens, 18 elements in 13 groups (6 aspheric elements including AA lens)	
F-number (Maximum Aperture)	F2.4(W)-4.0(T)	
Iris Diaphragm	9 blades	
Focal Length (f =)	f=8-220mm	
Focal Length (f=)	[Still image 3:2] f=24-600mm, [Still image 4:3] f=27-650mm, [Still image 16:9] f=26-630mm, [Still image 1:1] f=31-760mm	
35mm format equivalent	[Movie 16:9] f=26-630mm (SteadyShot Standard), f=27-690mm (SteadyShot Active), f=30-910mm (SteadyShot Intelligent Active), [Movie 4K 16:9] f=28-680mm (SteadyShot Standard), [HFR 960fps] f=38-900mm (Quality Priority), f=52-1220mm (Shoot Time Priority), [HFR 480 fps] f=26-630mm (Quality Priority), f=37-870mm (Shoot Time Priority), [HFR 240 fps] f=26-630mm (Quality Priority), f=26-630mm (Shoot Time Priority)	
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)	
Optical Zoom	25x	
Clear Image Zoom ¹	Still Image	20M Approx. 50x / 10M Approx. 70x / 5M Approx. 100x / VGA Approx. 380x
	Movie	4K: Approx. 37.5x / HD: Approx. 50x
Digital Zoom ¹	Still Image	20M Approx. 100x / 10M Approx. 140x / 5M Approx. 200x / VGA Approx. 380x
	Movie	Digital Zoom Approx.100x
Screen		
Screen Type	7.5cm (3.0 type)(4:3) / 1,440,000 dots / Xtra Fine / TFT LCD	
Touch Panel	Yes	
Brightness control	Manual (5 steps) / Sunny Weather	
Adjustable angle	Up by approx. 109 degrees, down by approx. 41 degrees	
Display panel (on top)	Yes	
Viewfinder		
Screen Type/Number of Dots	0.39-type electronic viewfinder (XGA OLED), 2,359,296 dots	
Brightness Control	Auto, Manual (5 steps)	
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	
Camera		
SteadyShot	Optical	
Optical SteadyShot Active Mode (for Movie)	Yes (Intelligent Active Mode, Optical type with electronic compensation, Anti Rolling type)	
Focus Mode	Single-shot AF / Automatic AF / Continuous AF / DMF / Manual Focus	
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)	
Lock on AF	Yes	
Light Metering Mode	Multi Pattern / Center Weighted / Spot (Standard/Large) / Entire Screen Avg / Highlight	
Exposure Compensation	+/- 3.0EV, 1/3EV step	
Exposure Control	Yes	
ISO Sensitivity (Still Image) ²	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 ³	
ISO Sensitivity (Movie)	Auto:ISO100 Level-ISO12800 Level, 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	
Minimum Illumination (Movie)	Auto:2.4lux [Shutter Speed 1/30*]	
White Balance Mode	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor.: Warm White / Fluor.: Cool White / Fluor.: Day White / Fluor.: Daylight / Flash / C.Temp./Filter / Custom	
WB micro adjustment	Yes<G7 to M7,57-step><A7 to B7,29-step>	
Shutter Speed ⁴	iAuto (4*-1/20000*) / Program Auto (30**/1/2000*) / Manual Exposure (Bulb, 30**/1/2000*) / Aperture Priority (30**/1/2000*) / Shutter Priority (30**/1/2000*) *At F8 or greater aperture value. Fastest limit at F2.4 is 1/1000.	
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)	
Image Control	Contrast, Saturation, Sharpness, Creative Style, Color Space (sRGB / Adobe RGB), Quality (RAW / RAW+JPEG / Extra fine / Fine / Standard)	
Noise reduction	Long exposure NR: On/Off, available of shutter speeds longer than 1/3 sec. High ISO NR: Normal/Low/Off, Multi Frame NR: Auto, ISO100-25600	
Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto/Level1-5), Auto High Dynamic Range (Auto Exposure Difference, Exposure difference Level (1.0-6.0EV, 1.0EV step))	
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	
Scene Selection	Portrait, Sports Action, Macro, Landscape, Sunset, Night Scene, Handheld, Twilight, Night Portrait, Anti Motion Blur	
Continuous Shooting Speed (maximum) (with max. recording pixels) ⁵	Continuous Shooting Hi: approx. 24 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 3.5 fps ⁶	
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	
Drive modes	Single, Continuous shooting (Hi/Mid/Lo), Self-timer, Self-timer (cont.), Cont.-bracketing ⁷ , Single-bracketing ⁷ , White balance bracketing ⁷ , DRO bracketing ⁷	
Panorama	Sweep Panorama	
Picture Effect for Still	Illustration, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono., Soft Focus, HDR Painting, Richtone Monochrome, Miniature, Watercolor	
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	
Picture Profile	off/PP1-PP9 (Black Level, Gamma (Movie, Still, Cine 1-2), ITU709, ITU709 [800%], S-Log2, S-Log3), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset)	
Number of Recognized Scenes	Still Image	Superior Auto: 44 / iAuto: 33
	Movie	44
Flash	Flash Mode	Auto / Flash On / Slow Syncro / 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)

Recording		
Compatible Recording Media ⁸	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), SD Memory Card, SDHC Memory Card (UHS-I), SDXC Memory Card (UHS-I), microSD Memory Card ¹⁰ , microSDHC Memory Card ¹⁰ , microSDXC Memory Card ¹⁰	
Recording Format (Still Image)	JPEG (DCF Ver.2.0, Exif Ver.2.31, MPF Baseline compliant), RAW (Sony ARW 2.3 format)	
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)	
Color Space (Still)	sRGB, Adobe RGB	
DCF/DPOF	DCF/DPOF/EXIF/MPF	
Still Image Number of recorded pixels (Image Size)	3:2 mode:20M (5,472x3,648) / 10M (3,888x2,592) / 5M (2,736x1,824),4:3mode:18M (4,864x3,648) / 10M (3,648x2,736) / 5M (2,592x1,944) / VGA:16.9mode:17M (5,472x3,080) / 7.5M (3,648x2,056) / 4.2M (2,720x1,528),1:1mode:13M (3,648x3,648) / 6.5M (2,544x2,544) / 3.7M (1,920x1,920) / Sweep Panorama:Wide (12,416x1,856/5,536x2,160),Standard (8,192x1,856/3,872x2,160)	
Still Image Number of recorded pixels (Image Size) during Movie	16:9mode:17M (5,472x3,080) / 7.5M (3,648x2,056) / 4.2M (2,720x1,528)	
Movie Recording Mode	NTSC	AVCHD: 24M FX (1,920x1,080/60i) / 17M FH (1,920x1,080/60i), XAVC S 4K: 30p 100M (3,840x2,160/30p) / 30p 60M (3,840x2,160/30p) / 24p 100M (3,840x2,160/24p) / 24p 60M (3,840x2,160/24p), XAVC S HD:60p 50M (1,920x1,080/60p) / 60p 25M (1,920x1,080/60p) / 30p 50M (1,920x1,080/30p) / 30p 16M (1,920x1,080/30p) / 24p 50M (1,920x1,080/24p) / 120p 100M (1,920x1,080/120p) / 120p 60M (1,920x1,080/120p)
	PAL	AVCHD: 24M FX (1,920x1,080/50i) / 17M FH (1,920x1,080/50i), XAVC S 4K: 25p 100M (3,840x2,160/25p) / 25p 60M (3,840x2,160/25p), XAVC S HD:50p 50M (1,920x1,080/50p) / 50p 25M (1,920x1,080/50p) / 25p 50M (1,920x1,080/25p) / 25p 16M (1,920x1,080/25p) / 100p100M (1,920x1,080/100p) / 100p 60M (1,920x1,080/100p)
HFR	NTSC	XAVC S HD:60p 50M (1,920x1,080/240fps), 60p 50M (1,920x1,080/480fps), 60p 50M (1,920x1,080/960fps) / 30p 50M (1,920x1,080/240fps), 30p 50M (1,920x1,080/480fps), 30p 50M (1,920x1,080/960fps) / 24p 50M (1,920x1,080/240fps), 24p 50M (1,920x1,080/480fps), 24p 50M (1,920x1,080/960fps)
	PAL	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 (1,824x616),960fps/1000fps (1,244x420)/Shoot Time Priority:240fps/250fps (1,824x616), 480fps/500fps (1,292x436),960fps/1000fps (912x308)	
Playback		
Maximum Playback Size	Under 20M (5,472 x 3,648)	
Print		
Exif Print	Yes	
PRINT Image Matching (PIM3)	Yes	
Interface		
Input and Output Terminal	Multi/Micro USB Terminal ¹⁰ , 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))	
Power		
Power Source	DC7.2V (supplied battery) / DC5.0V (supplied AC Adaptor)	
Battery System	Rechargeable battery pack NP-FW50	
Power Consumption (camera mode)	Approx. 2.2W with LCD monitor and approx. 2.4W with viewfinder	
USB Charge / USB Power Supply	Yes (Shooting, Playback)	
Battery Life (CIPA)	Still Images ¹²	Monitor: Approx. 400 / Approx. 200min., ViewFinder: Approx. 370 / Approx. 185min.
	Movies (actual shooting) ¹²⁻¹³	Monitor: Approx. 75min., ViewFinder: Approx. 75min.
	Movies (continuous shooting) ¹²	Monitor: Approx. 135min., ViewFinder: Approx. 135min. ¹⁴
Others		
PlayMemories Camera Apps TM	-	
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/UV / 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 ¹⁵	
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	
TRILUMINOS Color ¹⁶	Yes	
4K image output	Yes	
Operating Speed ¹⁷	Start-up Time (Approx. 1.6 sec.) / Shooting Time Lag (Approx. 0.07 sec.) / Shooting Interval (Approx. 0.41 sec.)	
Digital Level Gauge	Yes (Pitch and roll)	
DIMENSIONS (W x H x D) (Approx.)	132.5 x 94.0 x 145.0mm(5 1/4 x 3 3/4 x 5 3/4 in.) 132.5 x 94.0 x 127.4mm(5 1/4 x 3 3/4 x 5 1/8 in.) (from front of lens to monitor)	
Weight (CIPA compliant)	Approx. 1095g (2lb 6.7oz.) (Battery and SDXC Card are included) / Approx. 1050g (2lb 5.1oz.) (Body only)	
Supplied Accessory	Rechargeable Battery Pack NP-FW50 / AC Adaptor / Micro USB cable / Shoulder strap / Lens cap / Shoe cap / Lens hood / Eyepiece Cup / Instruction Manual	

Specifications and features are subject to change without notice.

- From the wide-end, including optical zoom (except RX1).
- REI = Recommended Exposure Index
- Achieved by using overlay burst shooting.
- When ISO sensitivity is higher than ISO 3200, the slowest shutter speed limit is 1/4 sec. Manual setting of ISO sensitivity to lower than ISO 3200 is necessary to set shutter speed slower than 1/4 (except DSC-RX0, DSC-RX1, DSC-RX10, DSC-RX100 series models).
- You may not be able to shoot images in Burst mode depending on the Shooting mode.
- Speed will decrease after some shots have been taken.
- Self-Timer is available.
- For movies, compatible Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo, Memory Stick XC-HG Duo, Memory Stick Micro (Mark2), SD/SDHC/SDXC memory card or microSD/microSDHC/microSDXC card (Class 4 or faster speed is recommended) can be used.
- With Adaptor (optional)
- Supports Micro USB compatible device.
- The LCD screen is turned on, shooting once every 30 seconds, the zoom is switched alternately between the W and T ends the flash strobes once every two times, the power turns on and off once every ten times.
- Continuous shooting is possible for approximately 29 minutes (limited by product specifications, default setting (except DSC-RX0)).
- Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom (except DSC-RX1, DSC-RX0 series models), stand-by, power off.
- 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.
- Only when 35mm-equivalent focal length is within 150-600mm range.
- Sony accessories for the Accessory Shoe can be attached.
- Shooting interval of maximum recorded pixels.

<http://www.sony.net/digitalimaging/>

Environmental Information

Halogenated flame retardants are not used in cabinets and certain printed wiring boards. Recycled paper is used for the carton. Corrugated cardboard and paper are used for the packaging cushions.

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* Screen displays are simulated.

* Simulated effects are used to illustrate some functions.

Sony | Photo Gallery:

http://www.sony.net/Products/di_photo_gallery/



Sony | Camera Channel:

<https://www.youtube.com/c/ImagingBySony>

