

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=8.8-220mm	
Focal Length (f=) 35mm format equivalent	[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 [Movie 16:9] f=26-630mm (SteadyShot Standard), f=27-890mm (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 ⁴⁾)	
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 M7.5>step=>A7 to B7.29>step>	
Shutter Speed ⁴⁾	iAuto (4 ^{**} -1/2000 [*]) / 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/Level 1-5), 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. Ssec. or 2sec. delay selectable / Bracketing shots with 10sec. Ssec. 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 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)

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.

SONY, **Cyber-shot** and other marks are trademarks or registered trademarks of Sony Corporation. All other company and product names mentioned herein are used for identification purposes only and may be the trademarks or registered trademarks of their respective owners.

- ¹ Screen displays are simulated.
- ² Simulated effects are used to illustrate some functions.

Recording		
Compatible Recording Media ⁹⁾	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PROHG Duo, Memory Stick Micro [®] , Memory Stick Micro (Mark2) [®] , SD Memory Card, SDHC Memory Card (UHS-I), SDXC Memory Card (UHS-I), microSD Memory Card [®] , microSDHC Memory Card [®] , microSDXC Memory Card [®]	
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/MPPF	
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), 1:1 mode: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	16:9 mode:17M (5,472×3,080) / 7.5M (3,648×2,056) / 4.2M (2,720×1,528)	
Movie Recording Mode	NTSC	AVCHD: 24M FX (1,920x1,080/60i) / 17M FH (1,920x1,080/60i), XAVC S 4K: 30p 100M (3,840x 2,160/30p) / 30p 60M (3,840x2,160/30p) / 24p 100M (3,840x2,160/24p) / 24p 60M (3,840x 2,160/24p), 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 (3,840x 2,160/25p) / 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) ¹³⁾	Monitor: Approx. 75min., ViewFinder: Approx. 75min.
Battery Life (CIPA)	Movies (continuous shooting) ¹²⁾	Monitor: Approx. 135min., ViewFinder: Approx. 135min. ¹⁴⁾
Others		
PlayMemories Camera Apps ¹⁵⁾	-	
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/LUB / 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.

- ¹ From the wide-end, including optical zoom(except RX1).
- ² REI = Recommended Exposure Index
- ³ Achieved by using overlay burst shooting.
- ⁴ 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).
- ⁵ You may not be able to shoot images in Burst mode depending on the Shooting mode.
- ⁶ Speed will decrease after some shots have been taken.
- ⁷ Self-Timer is available.
- ⁸ 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.
- ⁹ With Adaptor (optional)
- ¹⁰ Supports Micro USB compatible device.
- ¹¹ 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.
- ¹² Continuous shooting is possible for approximately 29 minutes (limited by product specifications, default setting (except DSC-RX0)).
- ¹³ 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.
- ¹⁴ 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.
- ¹⁵ Only when 35mm-equivalent focal length is within 150-600mm range.
- ¹⁶ Sony accessories for the Accessory Shoe can be attached.
- ¹⁷ Shooting interval of maximum recorded pixels.

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

SONY

RX10 IV



Eyes uncompromised. Focus far ahead.

Sony | Photo Gallery:

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



Sony | Camera Channel:

https://www.youtube.com/c/ImagingbySony



Printed in Japan

The Power of Imaging

Cyber-shot



RX10 IV

- 0.03-sec.^{*1} AF speed and up to 24fps^{*2} continuous shooting
- ZEISS® Vario-Sonnar T* 24-600mm^{*3} F2.4-4 large-aperture high-magnification zoom lens
- Approx. 20.1 effective-megapixel 1.0-type stacked CMOS sensor with DRAM chip
- BIONZ X™ image processing engine for superior detail and noise reduction
- 4K movie recording^{*4} and various movie functions
- Ultra-telephoto super slow motion at up to 960fps^{*5}

^{*1} CIPA standard, internal measurement, at f=8.8mm (wide-end), EV6.8, Program Auto, Focus mode: AF-A, Focus area: Center

^{*2} With "Continuous shooting mode: HI"

^{*3} 35mm equivalent.

^{*4} 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.

^{*5} In NTSC mode. 1000fps in PAL mode. NTSC/PAL switchable.

600mm, 1/2000 sec., F6.3, ISO 250

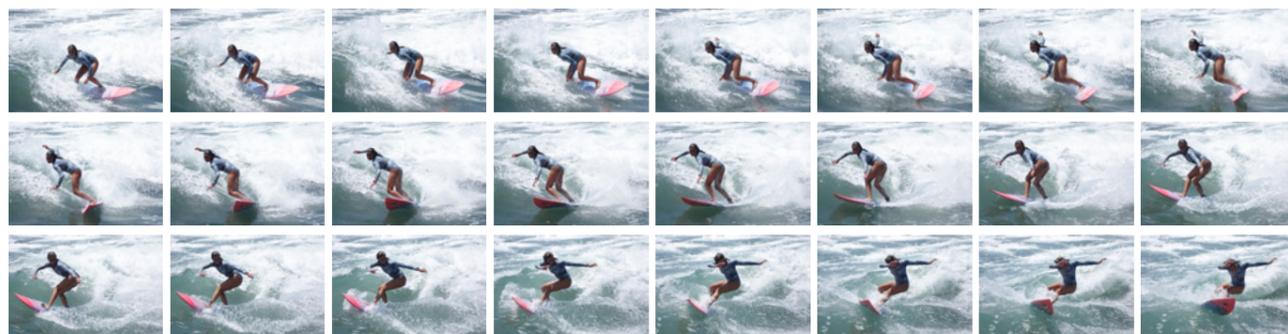
Top-speed AF meets super zoom range

Time won't wait. Nor can you. To take your best shot at the apex of action, focus at top speed. Act upon instinct. Go with the flow. Be ready for the right moment. Then, move like lightning. Zoom way up to ultra-telephoto end. Shoot for it all. Stay sharp all the way. With so much power so well-conceived and composed, you can always take it easy. What you can achieve is all in your hands.

Top performance assumes winning form in the RX10 IV — the exemplary groundbreaking RX10 series camera from Sony that concentrates a new wave of innovation within precision-crafted dimensions.



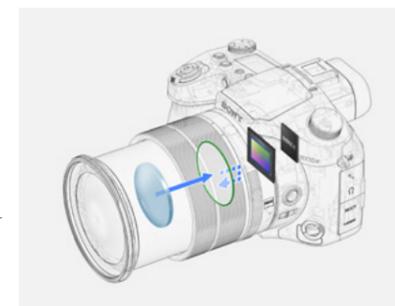
600mm, 1/2500 sec., F4.5, ISO 320



0.03-sec* Fast Hybrid AF

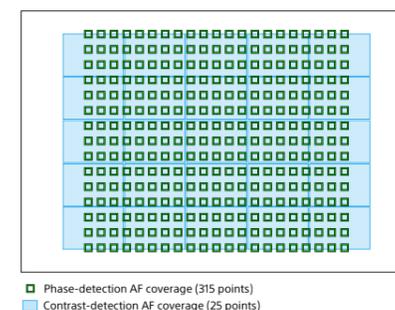
For the debut of Fast Hybrid AF in a RX10 series camera, Sony makes the system faster than ever. Achieving amazing 0.03-sec* autofocus response, the RX10 IV combines the speed/tracking performance of focal-plane phase-detection AF and the accuracy of contrast-detection AF. So it's easy to focus on anything — even quick, unpredictable action that you don't want to miss.

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



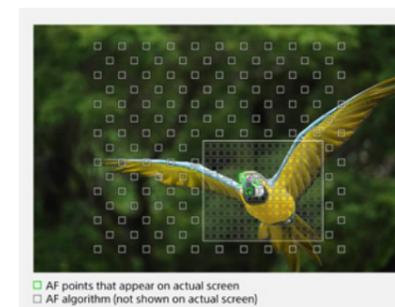
315-point wide-area phase-detection AF coverage

The 315 phase-detection AF points cover approx. 65% of the image area of the camera. With such wide-area high-density autofocus coverage, you can accurately focus on and capture any subject in action — even a small, fast-moving subject that is usually difficult to focus on — wherever it moves within the frame.



High-density Tracking AF Technology

With the RX10 IV, High-density Tracking AF Technology comes to the RX10 camera lineup. To achieve accurate, stable tracking performance, this advanced technology densely concentrates and activates AF points around a subject in motion. That keeps subjects in clear focus as they move within the shooting frame.



Continuous shooting at 24fps¹ with AF/AE tracking

To capture exactly the right moment, you can shoot continuously with AF/AE tracking at up to approx. 24fps¹ for up to 249² frames. Also, the electronic viewfinder's accelerated display system response lets you view smoother video with reduced blackout and delay even in continuous shooting.

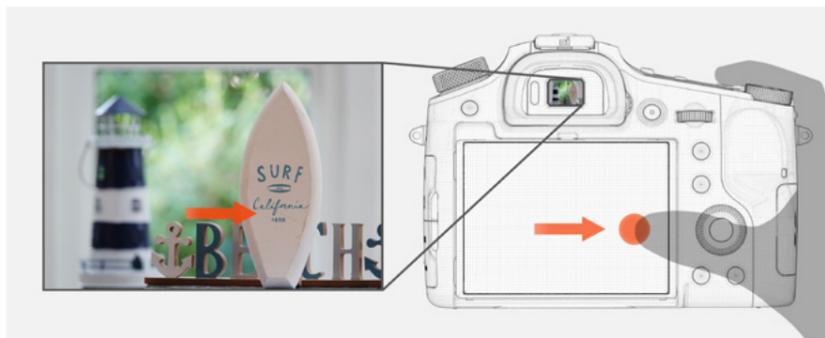
¹ With "Continuous shooting mode: Hi".

² With "Continuous shooting mode: Hi" and "Image quality: Fine".

AF operation sharpens up

Fast, simple Touch Pad AF and Touch Focus

With Touch Pad function, just slide a finger on the LCD screen to shift focus as you monitor the viewfinder. You can set preferences according to which eye and hand you want to use, how far to reach your finger, etc. For Touch Focus, just touch the LCD screen at the part of the image that you want to focus on when shooting stills or movies.



Enhanced Eye AF

The Eye AF function's accuracy and stability at detecting and focusing automatically on a subject's eye has been enhanced*, even when the subject is looking down away from the camera, or in backlit scenes when the face of a subject is in partial darkness.

* Compared to the RX10 III, based on Sony research.



266mm, 1/800 sec., F4, ISO 200



AF operation in an instant

Experience advanced autofocus instantly with Focus Range Limiter that restricts focus to subjects that are 3m or farther away*; AF-ON setting to trip the shutter without a lengthy half-press focus sequence; and AF-A mode for automatic switching between AF-S (Single AF) and AF-C (Continuous AF) modes, according to changes in subject motion.

* Only when 35mm equivalent focal length is within 150-600mm range.



Focus range limiter

Silent shooting*

The RX10 IV's electronic shutter can operate silently even during continuous shooting of wildlife, concerts, or other situations where you don't want to make a sound.

* Silent shooting can be activated via "Shutter type: Electronic" and "Audio signals: Off".



Anti-distortion shutter

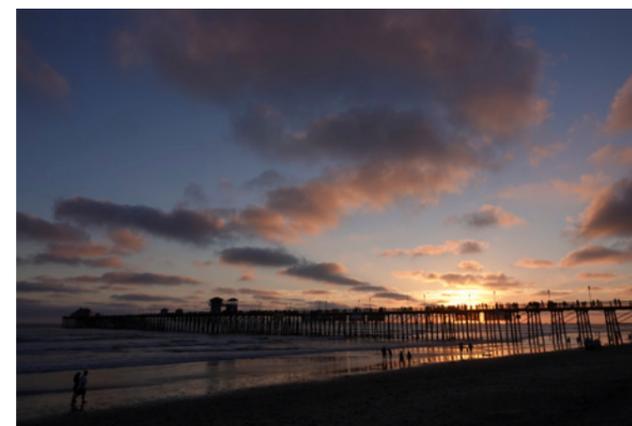
The RX10 IV can suppress rolling shutter effect of such fast-moving subjects as a swinging golf club or tennis racket when shooting at up to 1/32000 sec. shutter speed.

Grouped display of continuous shots

Continuously captured images can be displayed in the groups in which they were shot, with clear listings and index image display during playback, plus convenient image selection and deletion.

Invincible image quality across the zoom range

24mm



1/125 sec., F8, ISO 100

600mm

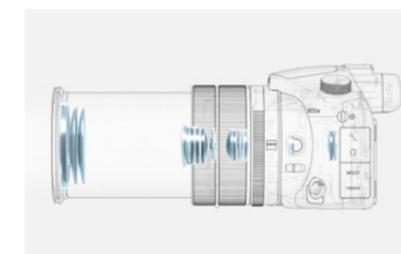


1/125 sec., F4, ISO 100

24-600mm* (25x optical) large-aperture zoom lens

The built-in ZEISS® Vario-Sonnar T* zoom lens features eight ED (Extra-low Dispersion) glass elements, Sony's original AA (advanced aspherical) element, high contrast and sharp image quality out to images' edges, large aperture (F2.4-4) that makes the most of the 1.0-type image sensor's sensitivity, and close-up macro capability to shoot at up to 3cm (wide-end, 0.42x magnification) and 72cm (telephoto-end, 0.49x magnification) away from the subject.

* 35mm equivalent.



Optical SteadyShot™

Optical image stabilization technology developed exclusively by Sony prevents image blurring that can occur from hand-held still and movie shooting, especially in low light or at the ultra-telephoto end of the zoom range up to 600mm (35mm equivalent). This stabilization is equivalent to a 4.5-step* faster shutter speed, and ensures smooth, stable framing and shooting.

* CIPA-standard, pitch/yaw directions, at 600mm (35mm equivalent).

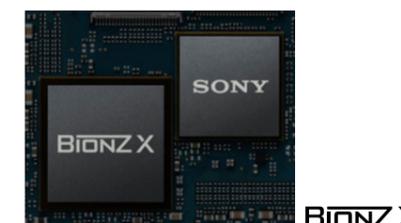


Without Optical SteadyShot

With Optical SteadyShot

Advanced BIONZ X image processing engine

With its algorithm enhanced, the BIONZ X image processing engine now delivers superior subjective resolution, more realistic reproduction in every detail, and improved Area-specific Noise Reduction that's especially useful for shooting dark areas at high sensitivities using fast shutter speeds. As a result, even during continuous shooting at up to 24fps, high-resolution images can be captured clearly at every instant of the recorded sequence.



Pro-quality 4K movies and super slow motion



Fast Hybrid AF for movies

For recording video, Fast Hybrid AF makes autofocus very smooth, speedy and straightforward with wide-area phase-detection AF coverage. As a result, the system's speed, precision and tracking performance accommodate the rigorous requirements for shooting 4K movies. AF drive speed and tracking sensitivity can be adjusted to create various focus transition effects.

High-resolution 4K recording

To preserve pristine image quality, enhance image detail and minimize moiré and jaggies, full pixel readout without pixel binning can condense approx. 1.7 times as much information as is required for 4K (QFHD: 3840 x 2160) movie output, creating an over-sampling effect. The RX10 IV records 4K movies in the XAVC S format*.

* 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.

More professional workflow

For more advanced shooting and production, the RX10 IV supports and is compatible with various movie functions typically found on equipment for professional use, including Picture Profile, S-Gamut/S-Log2/S-Log3*, clean HDMI output, Time code/User bit, REC Control, Dual Rec, Marker, Gamma Display Assist, Zebra functions, plus Proxy recording for more efficient, convenient editing.

* S-Log2/S-Log3 is premised on processing pictures.

Double-duration super slow motion movies

The RX10 IV can record a super slow motion^{*1} movie clip in Quality Priority mode that lasts up to four seconds or Shoot Time Priority mode that lasts up to seven seconds. Proxy recording makes it easier to share files on the internet and transfer files to smartphones.

*1 Sound cannot be recorded. A Class 10 or higher SDHC/SDXC memory card is required.
*2 In NTSC mode. 1000fps in PAL mode. Switch between NTSC and PAL using the menu.



Frame Rate	Record Setting		
	24p 50M*	30p 50M/ 25p 50M	60p 50M/ 50p 50M
240fps/250fps	10 times slower	8 times slower/ 10 times slower	4 times slower/ 5 times slower
480fps/500fps	20 times slower	16 times slower/ 20 times slower	8 times slower/ 10 times slower
960fps/1000fps	40 times slower	32 times slower/ 40 times slower	16 times slower/ 20 times slower

* Only when [NTSC/PAL Selector] is set to [NTSC].

For optimal operation

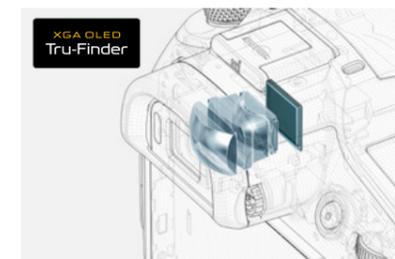
Enhanced tiltable LCD screen for your convenience

This new, enhanced 3-inch approx. 1.44-million-dot high-resolution LCD screen lets you monitor shots of even sudden dynamic action clearly. Also, it tilts up to about 109° upward and 41° downward, so it's easy to see from various shooting positions.



XGA OLED Tru-Finder™ for excellent views

This organic light-emitting diode viewfinder's stunning 2.35-million-dot resolution and capability to reproduce minute details, subtle contrast and true black color let you view exactly what you're aiming for.



Triple manual lens rings

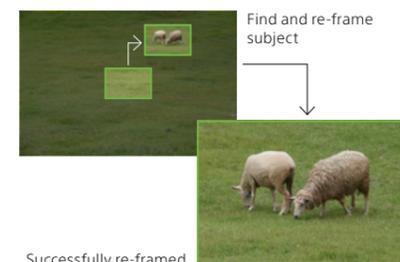
Rings for focus, zoom and aperture around the lens can be smoothly operated. For convenient shooting, you can turn Aperture Click Switch on to hear and feel reassuring step-wise clicks, or off for quiet, smooth aperture setting.



Zoom Assist*

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.

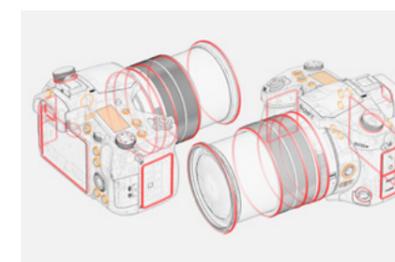
* Zoom Assist function must be assigned to this custom button prior to use.



Resistant to dust and moisture

The RX10 IV is thoroughly designed for carefree, reliable functionality even in tough shooting environments, so it is ruggedly constructed to be strongly resistant to the entry of water and dust.

Note: Not guaranteed to be 100% dust and moisture proof.



Location Information Link via Bluetooth^{*1}

After the camera has been paired to the PlayMemories Mobile™*2 app installed on a compatible mobile phone or tablet device, it can acquire location data from the mobile device and record that data with still images or movies. The PlayMemories Home™ application can then be used on a personal computer to organize images imported into the computer on a map.

*1 Can be connected via Bluetooth with smartphones featuring (as of the date of release):
-Android (Android 5.0 or later, Bluetooth 4.0 or later)
-iPhone/iPad (iPhone 4S or later/iPad 3rd generation or later)
Please refer to <http://www.sony.net/pmm/btg/> for more information.

*2 Use the latest version of PlayMemories Mobile.

Wi-Fi / NFC™ / QR code

With One-touch Remote, a smartphone or tablet functions as a viewfinder/remote control. One-touch sharing transfers photos/videos to the device. Just install a PlayMemories Mobile app via Wi-Fi to an NFC-enabled Android device, then touch the device to the camera to connect them. The camera also features QR code compatibility for easy connection with non-NFC smartphones.

At the forefront of higher function

Enhanced peaking

Improved accuracy of the peaking function, which emphasizes outline of in-focus ranges using a specific color in manual focus/direct manual focus, makes it easier to confirm focus in macro shooting and other situations requiring great focus.

Focus area registration

Frequently used focus area settings can be assigned to custom buttons for quick recall when needed, as when the ideal focus point for an action shot changes often. An AF area can also be registered for instant recall.

My Menu and custom buttons

My Menu lets you customize a simple user menu of up to 30 items arranged in any desired order for convenient access and operation. Furthermore, you can assign various functions to as many as 10 custom buttons for instant activation of a function at the press of a button.

Vertical / Horizontal AF area switching

For smoother, more efficient operation, horizontal and vertical orientations can use different or identical focus areas and points, reducing the need to readjust focus as you change orientation when shooting sports, portraits, and other scenes.

Recall Custom Setting during Hold

Hold down a custom button to switch from one shooting setting to another that's been assigned to that button. For example, when shooting an athlete in a stadium, you may hold down a button to switch settings to shoot a scoreboard for a moment, then switch back to shoot the athlete.

Step Zoom / Quick Zoom

Step Zoom: turn control ring to select among 24/28/35/50/70/85/100/135/200/300/400/500/600mm focal lengths. Quick Zoom: use custom setting menu to operate zoom according to how control ring is turned.

Note: Focal lengths are 35mm equivalent. Step Zoom and Quick Zoom are deactivated by default.

Clear Image Zoom

Whether shooting still images or movies, this feature uses proprietary By Pixel Super Resolution Technology to digitally enlarge the center of the image in frame up to 1200mm* (50x) – twice the camera's maximum 25x optical zoom magnification – with nearly imperceptible degradation.

* 35mm equivalent.

Remote camera control

When the camera is connected to a computer via USB port, you can use Remote Camera Control to take pictures or change settings on the camera from the computer. All you need to do is to download the Remote Camera Control application version that supports your PC.

Photo Capture

You can select a decisive moment from a movie recording and save it as a picture, in the form of a highly detailed 8-megapixel still image file from a 4K movie. From Full HD footage, you can create a 2-megapixel still image file.

Dual Rec

In this mode, the camera can capture 17MP still images while recording a movie. Auto Dual Rec, when on, sets whether or not this occurs automatically, according to shooting frequency (High, Standard or Low) setting.

* Dual Rec cannot be used when record setting is set as follows: RX10 IV: 120p/100p (NTSC/PAL) or in 4K recording.

Capture One Express (for Sony)

Download this free RAW converter from Phase One. It renders colors and details precisely, and integrates flexible digital asset management, essential adjustment tools, and fast, responsive performance.

* Please direct all inquiries on purchase, usage and support on Capture One solutions to Phase One.

Image Data Converter

Advanced features let you convert, manipulate, and manage full-resolution RAW images. You can expertly adjust exposure, white balance, tonal curves, saturation, contrast, hue, and sharpness, as well as apply DRO and vignetting compensation. The latest version offers enhanced conversion quality as well as improved operation.

Controls and dials

- 1 Aperture index
- 2 Front lens ring
- 3 Rear lens ring
- 4 Aperture ring
- 5 Microphone
- 6 Mode dial
- 7 Multi interface shoe
- 8 Flash pop-up button
- 9 Display panel illumination button
- 10 For shooting: W/T (zoom) lever
- 11 For viewing: (Index) lever/Playback zoom lever
- 12 Shutter button
- 13 ON/OFF (Power) switch
- 14 C2 button (Custom button 2)
- 15 C1 button (Custom button 1)



- 26 Focus mode dial
- 27 Focus hold button (Custom button)
- 28 Microphone jack
- 29 Headphones jack
- 30 Multi/Micro USB Terminal*
 - Supports Micro USB-compatible devices.
- 31 Charge lamp
- 32 HDMI micro jack
- 33 Focus range limiter switch
- 34 Viewfinder
- 35 Eye sensor
- 36 MENU button
- 37 Speaker
- 38 Monitor
- 39 Diopter-adjustment dial



- 15 Exposure compensation dial
- 16 Display panel
- 17 Access lamp
- 18 Memory card cover
- 19 N Mark
- 20 Flash
- 21 Self-timer lamp/AF illuminator
- 22 Wi-Fi/Bluetooth antenna (built-in)
- 23 Lens
- 24 Aperture Click Switch
- 25 Hook for Shoulder Strap



- 40 MOVIE (Movie) button
- 41 Control dial
- 42 For shooting: AEL (AE lock) button
- 43 For viewing: (Playback zoom) button
- 44 For shooting: Fn (Function) button
- 45 For viewing: Send to Smartphone button
- 46 Control wheel
- 47 Center button
- 48 For shooting: C3 button (Custom button 3)
- 49 For viewing: Delete button
- 50 Playback button

Accessories

