

## Main specifications of DSC-RX100M5

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, 10 elements in 9 groups (9 aspheric elements including AA lens)								
F-number (maximum aperture)	F1.8 (W)-2.8 (T)								
Iris Diaphragm	7 blades								
Focal Length (f=)	f=8. 8-25.7mm								
Focal Length (f=) 35mm format equivalent	[Still image 3:2] f=24-70mm [Still image 16:9] f=26-76mm [Still image 1:1] f=30.5-89mm [Still image 4:3] f=25-73mm [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=38-110mm (Quality Priority), f=52-150mm (Shoot Time Priority), [HFR 480 fps] f=26-75mm (Quality Priority), f=37-105mm (Shoot Time Priority), [HFR 240 fps] f=26-75mm (Quality Priority), f=26-75mm (Shoot Time Priority)								
Focus Range (from the front of the lens)	AF (W: Approx. 5cm (0.17 ft.) to infinity, T: Approx. 30cm (0.99 ft.) to infinity)								
Optical Zoom	2.9x								
Clear Image Zoom	<table><tbody><tr><th>Still Image</th><td></td></tr><tr><td>Movie</td><td>Approx. 5.8x (including Optical Zoom)</td></tr></tbody></table>	Still Image		Movie	Approx. 5.8x (including Optical Zoom)				
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Screen									
Screen Type	7.5cm (3.0 type) (4:3) / 1,228,800 dots / Xtra Fine / TFT LCD								
Brightness Control	Manual (5 steps) / Sunny Weather mode								
Adjustable Angle	Up by approx. 180 degrees, down by approx. 45 degrees								
Display Selector (Finder/LCD)	Auto / EVF / Monitor								
MF Assist Magnification	5.3x, 10.7x								
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. 0.59x with 50mm lens. at infinity, -1m <sup>-1</sup> (35mm equiv.)								
Eye Point	Approx. 20mm from the eyepiece lens, 19.2mm from the eyepiece frame at -1m <sup>-1</sup> (CIPA standard)								
Dioptr Adjustment	-4.0 to +3.0m <sup>-1</sup>								
Camera									
SteadyShot	[Still Image] Optical [Movie] Intelligent Active Mode, Optical type with electronic compensation (Anti Rolling type)								
Focus Mode	Single-shot AF (AF-S) / Automatic AF (AF-A) / Continuous AF (AF-C) / Direct Manual Focus (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)								
Light Metering Mode	Multi Pattern / Center Weighted / Spot								
Exposure Compensation	+/- 3.0 EV, 1/3 EV step								
ISO Sensitivity (still image) <sup>2</sup>	ISO 125-12800 (1/3 step) (expandable to ISO 80/100), Auto (ISO 125-12800, selectable with upper/lower limit), Multi-Frame NR: ISO 125-25600 <sup>3</sup> (1 EV step), Auto (ISO 125-128000)								
ISO Sensitivity (movie)	ISO 125-12800 equivalent (1/3 step), AUTO (ISO 125-12800 equivalent, selectable lower limit and upper limit)								
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 steps), A7 to B7 (29 steps))								
Shutter Speed	iAuto (4 <sup>-1</sup> /2000) / Program Auto (30 <sup>-1</sup> /2000) / Manual (Bulb, 30 <sup>-1</sup> /2000) / Aperture Priority (30 <sup>-1</sup> /2000) / Shutter Priority (30 <sup>-1</sup> /2000)								
Electronic Shutter	iAuto (4 <sup>-1</sup> /32000) / Program Auto (30 <sup>-1</sup> /32000) / Manual (30 <sup>-1</sup> /32000) / Aperture Priority (30 <sup>-1</sup> /32000) / Shutter Priority (30 <sup>-1</sup> /32000)								
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 for shutter speeds longer than 1/3 sec., high ISO NR: Normal / Low / Off , Multi Frame NR: Auto, ISO 200-25600								
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) 1, 2, 3, M1, M2, M3, M4, 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, Pet Mode, Gourmet, Fireworks, High Sensitivity								
Continuous Shooting Speed (maximum) (Maximum number of recorded pixels) <sup>4</sup>	Continuous Shooting Hi: approx. 24 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 3.5 fps <sup>5</sup>								
Self-Timer	10 sec. / 5 sec. / 2 sec. / 3 or 5 consecutive shots with 10 sec., 5 sec., or 2 sec. delay selectable / Bracketing shots with 10 sec., 5 sec., or 2 sec. delay selectable								
Drive Modes	Single, Continuous shooting, Self-timer, Self-timer (cont.), Cont.-bracketing <sup>6</sup> , Single-bracketing <sup>6</sup> , White balance bracketing <sup>6</sup> , DRO bracketing <sup>6</sup>								
Picture Effect	[Still Image] Toy camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Mono., Soft Focus, HDR Painting, Richtone Monochrome, Miniature, Watercolor, Illustration [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-PP7 (Black Level, Gamma (Movie, Still, Cine1-2, ITU709, ITU709 [800%], S-Log2), Black Gamma, Knee, Color Mode, Saturation, Color Phase, Color Depth, Detail, Copy, Reset)								
Number of Recognized Scenes	[Still Image] Superior Auto: 44, Intelligent Auto: 33 [Movie] 44								
Flash	<table><tbody><tr><th>Flash Mode</th><td></td></tr><tr><td>Auto / Flash On / Slow Synchro / Rear Sync / Flash Off</td><td></td></tr><tr><th>Flash Range</th><td></td></tr><tr><td>ISO Auto: approx. 0.4m to 10.2m (1.31 ft. to 33.46 ft.) (W) / approx. 0.4m to 6.5m (1.31 ft. to 21.33 ft.) (T), ISO 12800: up to approx. 20.4m (66.93 ft.) (W) / approx. 13.0m (42.65 ft.) (T)</td><td></td></tr></tbody></table>	Flash Mode		Auto / Flash On / Slow Synchro / Rear Sync / Flash Off		Flash Range		ISO Auto: approx. 0.4m to 10.2m (1.31 ft. to 33.46 ft.) (W) / approx. 0.4m to 6.5m (1.31 ft. to 21.33 ft.) (T), ISO 12800: up to approx. 20.4m (66.93 ft.) (W) / approx. 13.0m (42.65 ft.) (T)	
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## 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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<sup>\*</sup> Screen displays are simulated.

<sup>\*</sup> Simulated effects are used to illustrate some functions.

Recording									
Compatible Recording Media <sup>7</sup>	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro <sup>3</sup> , Memory Stick Micro (Mark2) <sup>3</sup> , SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card <sup>3</sup> , microSDHC Memory Card <sup>3</sup> , microSDXC Memory Card <sup>3</sup>								
Recording Format	[Still Image]: JPEG (DCF Ver.2.0, Exif Ver.2.31, MPF Baseline compliant), RAW (Sony ARW 2.3 format), [Movie]: XAVC S, AVCHD format Ver.2.0 compatible, MP4								
Recording Format (Movie Audio)	XAVC S: LPCM 2ch / AVCHD: Dolby Digital (AC-3) 2ch (Dolby Digital Stereo Creator) / MP4: MPEG-4 AAC-LC 2ch								
Color Space (Still)	sRGB / Adobe RGB								
File Format	DCF / DPOF / EXIF / MPF								
Number of Recorded Pixels (Image Size)	3:2 mode: 20M (5,472×3,648) / 10M (3,888×2,592) / 5M (2,736×1824), 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)								
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	<table><tbody><tr><th>NTSC</th><td></td></tr><tr><td>AVCHD: 28M PS (1,920x1,080/60p) / 24M FX (1,920x1,080/60i) / 17M FH (1,920x1,080/60i) / 24M FX (1,920x1,080/24p) / 17M FH (1,920x1,080/24p), 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) / 30p 50M (1,920x1,080/30p) / 24p 50M (1,920x1,080/24p) / 120p 100M (1,920x1,080/120p) / 120p 60M (1,920x1,080/120p), MP4: 28M (1,920x1,080/60p) / 16M (1,920x1,080/30p) / 6M (1,280x720/30p)</td><td></td></tr><tr><th>PAL</th><td></td></tr><tr><td>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),</td><td></td></tr></tbody></table>	NTSC		AVCHD: 28M PS (1,920x1,080/60p) / 24M FX (1,920x1,080/60i) / 17M FH (1,920x1,080/60i) / 24M FX (1,920x1,080/24p) / 17M FH (1,920x1,080/24p), 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) / 30p 50M (1,920x1,080/30p) / 24p 50M (1,920x1,080/24p) / 120p 100M (1,920x1,080/120p) / 120p 60M (1,920x1,080/120p), MP4: 28M (1,920x1,080/60p) / 16M (1,920x1,080/30p) / 6M (1,280x720/30p)		PAL		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),	
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Print									
Exif Print, PRINT Image Matching (PIM3)									
Interface									
Input and Output Terminal	Multi / Micro USB Terminal <sup>8</sup> , Hi-Speed USB (USB2.0), Micro HDMI								
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	DC3.6V (supplied battery) / DC5.0V (supplied AC adaptor)								
Battery System	Rechargeable battery pack NP-BX1								
Power Consumption (camera mode)	Approx. 2.6W with LCD monitor and approx. 3.0W with viewfinder (CIPA standard)								
USB Charge / USB Power Supply	Yes (Shooting, Playback)								
Battery Life	Still Images <sup>10</sup> Monitor: Approx. 220 shots / Approx. 110 min., Viewfinder: Approx. 210 shots / Approx. 105 min. Movies (actual shooting) <sup>10,12</sup> Monitor: Approx. 35 min., Viewfinder: Approx. 35 min. (In [MP4 28M] mode, max. continuous shooting time is approx. 20 min. and max. file size is 4GB.) Movies (continuous shooting) <sup>11</sup> Monitor: Approx. 65 min., Viewfinder: Approx. 65 min. (In [MP4 28M] mode, max. continuous shooting time is approx. 20 min. and max. file size is 4GB.) <sup>13</sup>								
Others									
PlayMemories Camera Apps	Yes								
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 / Micref Level / Step Zoom / Quick Zoom / Self-portrait timer / TC / UB / Photographer Name & Copyright / Set File Name/ ISO Auto Minimum Shutter Speed / PC Remote Control / Gamma Disp. Assist / AF Track Sensitivity / AF Drive Speed								
Playback Functions	BRAVIA Sync (Control for HDMI) / 9/25-frame index view / Auto Orientation / Slide Show / Forward / Rewind (Movie) / Delete / Protect / Motion Shot Video / Beauty Effect / Photo Capture								
Dimensions (W x H x D) (CIPA compliant)	101.6 x 58.1 x 41.0mm (4 x 2 3/8" x 1 5/8")								
Weight (CIPA compliant)	Approx. 299g (10.5 oz.) (Battery and Memory Stick Duo are included) / Approx. 272g (9.6 oz.) (Body Only)								
Operating Temperature	Approx. 0°C to 40°C (32 F° to 104 F°)								
Supplied Accessories	Rechargeable Battery Pack NP-BX1 / AC Adaptor AC-UUD12 / Micro USB cable / Wrist strap / Strap adaptor / Instruction Manual								

**Specifications and features are subject to change without notice.**

<sup>\*1</sup> Optical zoom from the wide side.

<sup>\*2</sup> REI = Recommended Exposure Index

<sup>\*3</sup> Achieved by using overlay burst shooting.

<sup>\*4</sup> You may not be able to shoot images in Burst mode depending on the Shooting mode.

<sup>\*5</sup> Speed will slow down after you take some shots.

<sup>\*6</sup> Self-Timer is available.

<sup>\*7</sup> 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.

<sup>\*8</sup> With adaptor (optional)

<sup>\*9</sup> Supports Micro USB -compatible device.

<sup>\*10</sup> 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.

<sup>\*11</sup> Continuous shooting is possible for approximately 29 minutes (limited by product specifications, default setting).

<sup>\*12</sup> Indication recording time, which is defined by repeating the cycle: Power on, start recording, zoom, stand-by, power off

<sup>\*13</sup> Based on non-stop recording until the limit (29 minutes or 4GB) is reached, and then recording continues again. Shooting functions such as zoom will not be available.

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

# SONY

# RX100 V



Eyes uncompromised.

**Sony | Photo Gallery:**

http://www.sony.net/Products/di\_photo\_gallery/



**Sony | Camera Channel:**

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



The Power of Imaging

Cyber-shot

## Immortalize an instant

Get faster on the draw to capture more fleeting candid moments. The RX100 V delivers a comprehensive high-speed AF system to the RX100 family of premium compact cameras renowned for superior quality and versatility in every shot.

# RX100 V

- World's fastest<sup>\*1</sup> 0.05-sec.<sup>\*2</sup> AF response with the world's most<sup>\*1</sup> (315) phase-detection AF points
- World's fastest<sup>\*1</sup> continuous shooting of up to 24fps<sup>\*3</sup> with AF/AE for up to 150 shots<sup>\*4</sup>
- Approx. 20.1 effective megapixel 1.0-type stacked CMOS sensor with DRAM chip
- ZEISS® Vario-Sonnar T\* 24-70mm<sup>\*5</sup> F1.8-2.8 lens
- Up to 40x super slow motion<sup>\*6</sup>
- 4K movie recording<sup>\*7\*</sup> and various movie functions

<sup>\*1</sup> Among fixed lens digital cameras with 1.0-type sensor. As of October 2016 press release, based on Sony research.

<sup>\*2</sup> CIPA standard, internal measurement, at f=8.8 (wide-end), EV4.7, Program Auto, AF area: Wide, Focus Mode: AF-A.

<sup>\*3</sup> With "Continuous shooting mode: Hi".

<sup>\*4</sup> With "Continuous shooting mode: Hi" and "Image quality: Fine".

<sup>\*5</sup> 35mm equivalent.

<sup>\*6</sup> Sound cannot be recorded. A Class 10 or higher SDHC/SDXC memory card is required.

<sup>\*7</sup> A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. UHS-I (U3) is also required for recording at 100Mbps.

<sup>\*8</sup> Continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to shooting conditions.

# Shoot with the fast "1.0"

## World's most\* comprehensive AF coverage (315 phase-detection points)

315  
AF points

Featuring the highest number\* of focal plane phase-detection AF points (315) over the widest\* portion of the newly developed 1.0-type image sensor's pixel area (approx. 65%) in the world, the camera's autofocus offers such dense, widespread coverage that it captures even small, fast-moving subjects beyond the reach of less capable AF systems.



Phase-detection AF coverage (315 points)

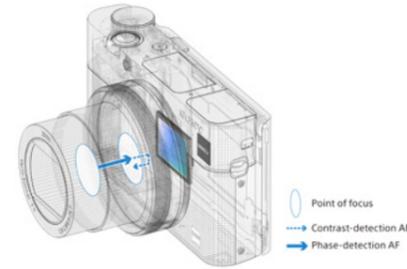
\* Among fixed lens digital cameras with 1.0-type sensor. As of October 2016 press release, based on Sony research.

## World's fastest<sup>1</sup> (0.05 sec)<sup>2</sup> AF speed

0.05  
sec.

The RX100 V, featuring the world's fastest<sup>1</sup> AF speed (0.05 sec.<sup>2</sup>), is the first RX100 series camera integrating the Fast Hybrid AF system's autofocus performance and the BIONZ X™ image processing engine's uncanny efficiency at handling information. The benefit: capability to capture decisive moments more immediately.

### Fast Hybrid AF system



<sup>1</sup> Among fixed lens digital cameras with 1.0-type sensor. As of October 2016 press release, based on Sony research.  
<sup>2</sup> CIPA standard, internal measurement, at f=8.8mm (wide-end), EV4.7, Program Auto, AF area: Wide, Focus Mode: AF-A.

## World's fastest<sup>1</sup> continuous shooting up to 24fps<sup>2</sup> with AF/AE

24  
fps

Now, you can shoot even greater moments of glory. New high-speed front-end LSI (large scale integration) enables the camera to continuously shoot over-20-megapixel images at up to 24fps<sup>2</sup> with AF/AE

tracking for up to 150<sup>3</sup> shots at a time. This capability distinguishes the RX100 V as a powerful high-performance compact camera that's ideal for capturing climactic moments in incredible detail.



<sup>1</sup> Among fixed lens digital cameras with 1.0-type sensor. As of October 2016 press release, based on Sony research.  
<sup>2</sup> With "Continuous shooting mode: Hi".  
<sup>3</sup> With "Continuous shooting mode: Hi" and "Image quality: Fine".



53mm, 1/800 sec., F4 ISO 125

# Brilliant inventions to realize your best intentions

## Smoother, clearer tracking on display

Thanks to reduced blackout, electronic viewfinder and LCD screen, views look smooth and clear – even while the camera tracks focus or continuously shoots at up to 24fps\*

– so you can see fine details in images that you’re monitoring, even in fleeting moments of fast-moving action.

\* With "Continuous shooting mode: Hi".



## Silent shooting\*

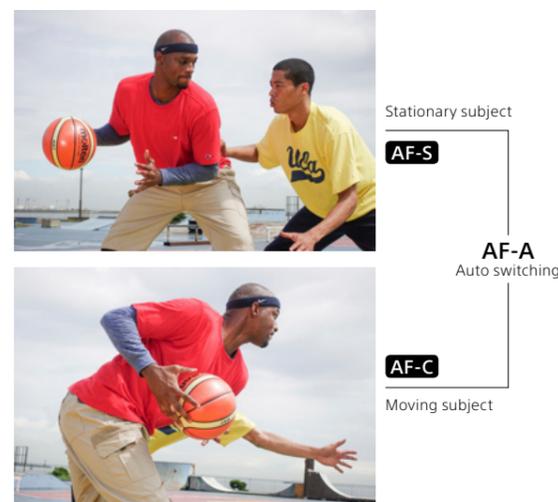
In noise-sensitive situations, you can simply mute the sound of the electronic shutter. Even continuous shooting can proceed in silence, without the sound of repeated shutter release.

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



## AF-A mode automatically switches focus modes

A combination of data for color, brightness and phase-detection acquired by the camera is applied for AF-A mode to automatically switch between AF-S (Single AF: locks the focus while the shutter button is pressed halfway) and AF-C (Continuous AF: keeps focusing on subjects while the shutter button is pressed halfway) modes, as conditions change (such as when a subject suddenly starts moving).



# Integrated imaging innovation evolves

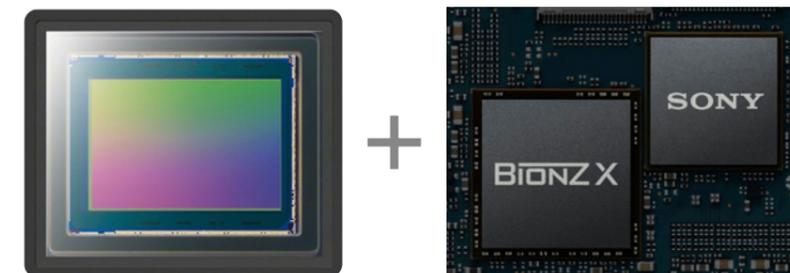
## A new system that's unsurpassed

Speed and power are the hallmarks of still and movie shooting performance, so this cutting-edge compact combines a newly developed 1.0-type Exmor RS™ CMOS image sensor with about 20.1 effective

megapixels introducing the RX100 series' first Fast Hybrid AF system; the mighty BIONZ X image processing engine; and front-end LSI (large scale integration) that helps process massive amounts of image data im-

mediately. This seamless integration of imaging system innovation makes the RX100 V more than responsive and capable enough to accommodate high-speed autofocus and fast continuous shooting.

Exmor RS  
CMOS Sensor  
BIONZ X



## Anti-Distortion Shutter

Incomparably fast and efficient flow of data from the image sensor enables the camera to shoot at up to 1/32000 sec. shutter speed, and eliminates skewing that can distort images of fast movement, such as a golf swing or moving wheel.



Conventional rolling shutter



Anti-Distortion Shutter

## Faster processing power for continuous shooting

Image processing speed and capability are enhanced so the camera can capture even high-resolution 20.1MP image sequences at up to 24fps\*

very clearly. Buffer capacity is also increased, so that data for shots that you take in continuous shooting mode is processed instantly, for more spon-

taneous, immediate, comfortable shooting.

\* With "Continuous shooting mode: Hi".



# Starring more premium movie performance

## Fast Hybrid AF for movies

The first RX100 series camera with Fast Hybrid AF for shooting movies as well as stills features a focal plane phase-detection AF sensor for focusing and tracking accurate enough even for the

rigors of 4K movie shooting\*\*2. AF drive speed and AF tracking sensitivity are adjustable by menu, giving you flexibility to focus according to movie shooting intentions and conditions.

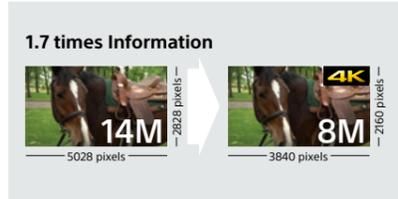


\*1 A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. UHS-I (U3) is also required for recording at 100Mbps.  
\*2 Continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to shooting conditions.

## 4K movie recording\*\*2

The camera can record movies in 4K (QFHD: 3840 x 2160) with full pixel readout without pixel binning. Such 4K movies contain approx. 1.7 times as much information as is minimally

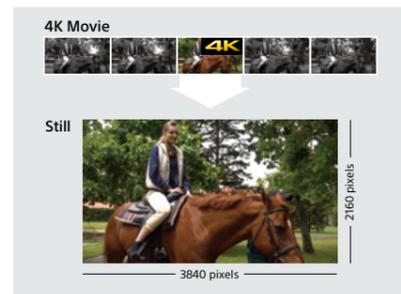
required for 4K movie output. This gives 4K movie images even more outstanding resolution that complements reduced moiré and jaggies.



\*1 A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. UHS-I (U3) is also required for recording at 100Mbps.  
\*2 Continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to shooting conditions.

## Photo Capture

Use this function to select an unforgettable moment from a recorded movie, even a 4K movie, and save it as a highly detailed 8.29-megapixel still image file. From Full HD footage, you can create a 2-megapixel still image file.



## 120fps (100fps\*) Full HD shooting

Slow-motion footage can be produced by shooting with movie recording format set at Full HD 120fps (100fps\*), then converting the frame rate when editing on computer. This is also useful for recording for a longer time in movie mode than in HFR mode, and for creating slow-motion footage with the captivating detail and quality of Full HD images.

\* In PAL mode.

## Super slow motion duration doubled\*\*1

The RX100 V not only inherits capability to record super slow motion\*\*2 footage that's up to 40x slower in playback than natural motion; it can also record at such a high frame rate for over twice\*\*1 as long as was previously possible with the RX100 series. So you can watch high-

quality super slow motion movie action as an even more extended series of incremental movements that reveal details that your eyes are unable to perceive as a fleeting moment unfolds in real time.

\*1 In comparison to DSC-RX100M4. Available for approx. 7 seconds at 240fps in Shoot Time Priority mode.  
\*2 Sound cannot be recorded. A Class 10 or higher SDHC/SDXC memory card is required.

Super Slow Motion Videos  
<https://www.youtube.com/c/ImagingbySony>



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].



# Distinctive design runs in the family



## Massive performance in diminutive form

The remarkably compact built-in ZEISS® Vario-Sonnar T\* 24-70mm\* F1.8-2.8 lens is seamlessly integrated with the advanced image sensor, BIONZ image processing engine, \* 35mm equivalent.

and LSI technology. This makes the legendary lens perfectly suited for this premium compact camera that is firmly focused on unbeatable autofocus response and image quality.



## Retractable XGA OLED Tru-Finder™

This built-in electronic viewfinder with 2359k-dot high resolution displays the subtlest details with stunning contrast. ZEISS® T\* Coating on the eyepiece optics ensures clear corner-to-corner viewing.



## 180-degree tiltable LCD screen

The clear, bright, 3.0-type, 1229k-dot Xtra Fine high-resolution LCD tilts up to 180° upward for easy selfies, travel shots, and shooting from various angles. It also tilts 45° downward to support shooting from both low and high positions, so you can take breathtaking pictures more easily.



## Control ring / Custom button

Turn a ring around the lens for smooth, stepless, intuitive control of shutter speed, aperture, and other still and movie functions. Program one of over 40 possible functions for the custom (C) button to adapt to your shooting conditions and style. So, with the press of a finger, you can instantly access a function that you often use or anticipate using.



## For all the qualities you're shooting for

### Step Zoom / Quick Zoom

Step Zoom is a convenient feature that lets you swiftly zoom among any of five commonly used focal lengths (24, 28, 35, 50, or 70mm) by simply turning the control ring\*. You can also use a custom menu to set the control ring to Quick Zoom, for faster zooming than the standard zoom default provides.

Notes: Focal lengths are 35mm equivalent. Step Zoom and Quick Zoom are inactive by default.

### Clear Image Zoom

This feature uses proprietary By Pixel Super Resolution Technology to digitally enlarge the center of the still or movie image frame being shot at up to 5.8x\* equivalent when using optical zoom as well. You can take closer shots without losing high image resolution.

\* At wide end, including 2.9x optical zoom.

### Built-in ND filter

A built-in ND filter function allows f-stop reduction compensation equivalent to three stops or reduces light volume to about 1/8. This is practical when using a slow shutter speed in bright conditions or a fully open aperture, and is available for still as well as movie shooting to give free reign to your expressive flexibility.

### Creative Style

Bring out the character of your scene with any of 13 Creative Style settings. The camera adjusts color and other parameters of movie and still images while letting you manually fine-tune the contrast, saturation\*, and sharpness to achieve the look you desire.

\* Not available when B/W or Sepia mode is selected.

### Picture Effect for advanced image processing

Create personalized art by applying your choice of Picture Effect modes to ordinary images. These 13 modes, including Toy Camera and Pop Color, let you extensively adjust camera parameters, take advantage of advanced image processing, and preview most of these effects in real time.

### Dual Rec\*

In this mode, the camera can capture high-quality 17-megapixel still images without pixel binning while recording a movie. With Auto Dual Rec function activated, the camera automatically shoots stills (at your choice of high, standard or low frequency setting) when it detects recognizable types of compositions, including people, as it records a movie.

\* Dual Rec cannot be used when record setting is set as follows: RX100 V: 120p/100p (NTSC/PAL) or in 4K recording.

### Eye AF in AF-C mode

When the camera is in AF-C mode, you can use Eye AF to automatically focus on and track focus on a subject's eye, even as the face moves, to extend your freedom to frame a shot.

### Extra-fine white balance adjustment

Now, the RX100 V features twice as many adjustment steps in the A-B axis and four times as many in the G-M axis, for more accurate control of white balance when you adjust color tones according to light conditions or expressive intentions.

### ISO Auto Minimum Shutter Speed

Prevent blur in a shot of a moving subject by setting a shutter speed at which ISO sensitivity starts changing when ISO AUTO (while in P or A mode, or in Multi Frame NR) is selected.

### Enhanced Zebra function for easy exposure adjustment

Great for shooting in S-Log gamma setting or when adjusting exposure is otherwise difficult, Zebra function now features standard brightness level between IRE 0 and 109%, and a range value of +/- 10% adjustable in 1% increments. Simply set a target brightness level and range for Zebra function display. Minimum brightness level can also be set.

### Gamma Display Assist

This function lets you see images of natural contrast on the LCD monitor or viewfinder screen when shooting in S-Log gamma setting. It also converts S-Log2 Gamma into ITU709 (800%) Gamma so you can clearly monitor subjects in images being viewed.

\* The Gamma Display Assist function is not available for monitoring on external displays and television sets.

### File Name Setting

The camera lets you change just the first three characters of any file name from "DSC" (by default) to three characters of your choice. This simplifies file management and is especially valuable when working with multiple cameras for various assignments.

## 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 introduces QR code compatibility for easy connection with non-NFC smartphones.



## Support for PlayMemories Camera Apps™ (PMCA)\*

Enjoy a camera that gains functionality with time. Choose from the growing range of PlayMemories Camera Apps for remote control, picture and video effects, and much more. Installation is simple using your PC

or the camera's own Wi-Fi connection. See all the apps at <https://www.playmemoriescameraapps.com>

\* For more details, please see the PlayMemories Camera Apps portal. Availability varies depending on region.



## Capture One Express (for Sony)

Take advantage of this RAW converter that you can download for free from Phase One. Not only is it great for rendering colors and details with incredible precision — it also features flexible digital asset

management, all essential adjustment tools, and fast, responsive performance in one convenient, customizable, integrated solution.

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



## Accessories



LITHIUM ION X  
Rechargeable Battery Pack  
NP-BX1



LITHIUM ION X  
Battery Charger  
BC-TRX



Soft Carrying Case  
LCS-RXG



Attachment Grip  
AG-R2



Tripod  
VCT-P300



MULTI  
Remote Commander  
RM-VPR1



Underwater Housing  
MPK-URX100A

- Complete compatibility with all RX100 series cameras\*
- Double gaskets watertight down to 40m/130 ft. underwater
- Exclusively designed by Sony

\*RX100/RX100 II/RX100 III/RX100 IV/RX100 V