

SONY

New Products Information

Digital Still Camera



Eyes uncompromised. Close in on the action.

RX100 VI

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-RX100M6

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, 15 elements in 12 groups (8 aspheric elements including AA lens)	
F-number (Maximum Aperture)	F2.8 (W)-4.5 (T)	
Iris Diaphragm	7 blades	
Focal Length (f=)	f=9.0-72mm	
Focal Length (f=)	[Still image 3:2] f=24-200mm, [Still image 4:3] f=25-220mm, [Still image 16:9] f=24-210mm, [Still image 1:1] f=30-260mm, [Movie 16:9] f=24-210mm (SteadyShot Standard), f=26-230mm (SteadyShot Active), f=29-260mm (SteadyShot Intelligent Active), [Movie 4K 16:9] f=26-230mm (SteadyShot Standard), [HFR 960fps] f=35-310mm (Quality Priority), f=48-420mm (Shoot Time Priority), [HFR 480fps] f=24-210mm (Quality Priority), f=34-290mm (Shoot Time Priority), [HFR 240fps] f=24-210mm (Quality Priority), f=24-210mm (Shoot Time Priority)	
Focus Range (from the front of the lens)	AF (W: Approx. 8cm (0.27 ft.) to Infinity, T: Approx. 100cm (3.29 ft.) to Infinity)	
Optical Zoom	Still Image Movie 8.0x	
Clear Image Zoom ¹	Still Image Movie 20M Approx. 16x / 10M Approx. 22x / 5.0M Approx. 32x / VGA Approx. 121x 4K: Approx. 12x / HD: Approx. 16x	
Digital Zoom ¹	Still Image Movie 20M Approx. 32x / 10M Approx. 44x / 5.0M Approx. 64x / VGA Approx. 121x Approx. 32	
Screen		
Screen Type	7.5cm (3.0 type) (4:3) / 921,600 dots / Xtra Fine / TFT LCD	
Touch Panel	Yes	
Brightness Control	Manual (5 steps) / Sunny Weather	
Adjustable Angle	Up by approx. 180 degrees, down by approx. 90 degrees	
Viewfinder		
Screen Type / Number of Dots	0.39-type electronic viewfinder (OLED), 2,359,296 dots	
Brightness Control	Auto, Manual (5 steps)	
Field Coverage	100%	
Magnification	Approx. 0.59x with 50mm lens at infinity, -1m ⁻¹ (dioptre) (35mm equiv.)	
Eye Point	Approx. 20mm from the eyepiece, 19.8mm from the eyepiece frame at -1m ⁻¹ (dioptre) (CIPA standard)	
Dioptr Adjustment	-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)) / Zone / Center / Flexible Spot (S/M/L) / Expanded Flexible Spot / Lock on AF (Wide/Zone/Center/Flexible Spot (S/M/L)/Expanded Flexible Spot)	
Lock on AF	Yes	
Light Metering Mode	Multi Pattern / Center Weighted / Spot / Entire Screen Avg / Highlight	
Exposure Compensation	+/- 3.0 EV, 1/3 EV step	
Exposure Control	Yes	
ISO Sensitivity (Still Image) ²	Auto (ISO125-12800, selectable with upper/lower limit), 125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800 (Extendable to ISO80/100), Multi-Frame NR: Auto (ISO125-12800), 200/400/800/1600/3200/6400/12800/25600 ³	
ISO Sensitivity (Movie)	Auto: (ISO125 Level-ISO12800 Level, selectable with upper/lower limit), 125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800	
Minimum Illumination (Movie)	Auto: 2.9 lux (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 / Underwater Auto / C.Temp. / Filter / Custom	
WB Micro Adjustment	Yes <G7 to M7, 57-step> <A7 to B7, 29-step>	
Shutter Speed	iAuto (4 ⁻¹ /2000) / Program Auto (30 ⁻¹ /2000) / Manual (Bulb, 30 ⁻¹ /2000) / Aperture Priority (30 ⁻¹ /2000) / Shutter Priority (30 ⁻¹ /2000)	
Electronic Shutter	iAuto (4 ⁻¹ /32000) / Program Auto (30 ⁻¹ /32000) / Manual (30 ⁻¹ /32000) / Aperture Priority (30 ⁻¹ /32000) / Shutter Priority (30 ⁻¹ /32000)	
Image Control	Contrast, Saturation, Sharpness, Creative Style, Color Space (sRGB/Adobe RGB), Quality (RAW/RAW+JPEG (Extra fine, Fine, Standard)) / 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, ISO200-25600	
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, Pet Mode, Gourmet, Fireworks, High Sensitivity	
Continuous Shooting Speed (maximum) (Maximum number of recorded pixels) ^{5,6}	Continuous Shooting Hi: approx. 24 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 3.0 fps ⁶	
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 (Hi/Mid/Low), Self-timer, Self-timer (cont.), Cont.-bracketing ⁷ , Single-bracketing ⁷ , White balance bracketing ⁷ , DRO bracketing ⁷	
Panorama	Sweep Panorama	
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-PP10 (Black Level, Gamma (Movie, Still, Cine1-2, ITU709, ITU709 [800%], S-Log2, S-Log3, HLG, HLG1, HLG2, HLG3), Black Gamma, Knee, Color Mode, Saturation, Color Depth, Color Phase, 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
	Flash Range	ISO Auto: Approx. 0.4m to 5.9m (1.31 ft. to 19.35 ft.) (W) / Approx. 1.0m to 3.1m (3.28 ft. to 10.17 ft.) (T), ISO12800: up to Approx. 12.4m (40.68 ft.) (W) / Approx. 7.0m (22.96 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, "Exmor RS", "BIONZ X", "BRAVIA", "SteadyShot", "InfoLithium", "Tru-Finder", "Memory Stick", "Memory Stick PRO Duo", "Memory Stick PRO-HG Duo", "PlayMemories Home", "PlayMemories Mobile", "TRILUMINOS Color", "TRILUMINOS Display" and "XAVC S" 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.

- * Screen displays are simulated.
- * Simulated effects are used to illustrate some functions.
- * Features and specifications are subject to change without prior notice.

Recording		
Compatible Recording Media ⁸	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG 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 ⁹ , microSDHC Memory Card ⁹ , microSDXC Memory Card ⁹	
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 ¹⁰ , AVCHD format Ver. 2.0 compatible	
Recording Format (Movie Audio)	XAVC S ¹⁰ : 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 Images: Number of recorded pixels (Image Size)	3:2 mode: 20M (5,472x3,648) / 10M (3,888x2,592) / 5M (2,736x1,824), 4:3 mode: 18M (4,864x3,648) / 10M (3,648x2,736) / 5M (2,592x1,944) / VGA, 16:9 mode: 17M (5,472x3,080) / 7.5M (3,648x2,056) / 4.2M (2,720x1,528), 1:1 mode: 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 Images: Number of recorded pixels (Image Size) during Movie recording	16:9 mode: 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 ¹⁰ 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 ¹⁰ 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 ¹⁰ 4K: 25p 100M (3,840x2,160/25p) / 25p 60M (3,840x2,160/25p), XAVC S ¹⁰ 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) / 100p 100M (1,920x1,080/100p) / 100p 60M (1,920x1,080/100p)
	NTSC	XAVC S ¹⁰ 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) <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)
	PAL	XAVC S ¹⁰ 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)
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 ¹¹ , 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))	
Bluetooth	Yes (Bluetooth Standard Ver. 4.1 (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. 2.3W with LCD monitor and approx. 2.5W with viewfinder (CIPA standard)	
USB Charge / USB Power Supply	Yes (Shooting, Playback)	
Battery Life (CIPA)	[Still Images] ¹² Monitor: Approx. 240 / Approx. 120min., Monitor (When Auto Monitor off is set to 2 sec): Approx. 310 / Approx. 155min., Viewfinder: Approx. 220 / Approx. 110min. [Movies (actual shooting)] ^{13,14} Monitor: Approx. 40min., Viewfinder: Approx. 40min. ¹⁵ [Movies (continuous shooting)] ¹⁶ Monitor: Approx. 75min., Viewfinder: Approx. 70min. ¹⁵	
Others		
PlayMemories Camera Apps	-	
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 / ISO Auto Minimum Shutter Speed / PC Remote Control / Gamma Disp. Assist / [Mov]AF Track Sensitivity / [Mov]AF Drive Speed / Set File Name / Touch Shutter / My Menu	
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 / Rating	
TRILUMINOS Color ¹⁶	Yes	
4K Image Output	Yes	
Operating Speed	Start-up time (approx. 1.4 sec.) / Shooting time lag (approx. 0.07 sec.) / Shooting interval (approx. 0.36 sec.)	
Digital Level Gauge	Yes (Pitch and roll)	
Dimensions (W x H x D) (CIPA compliant)	101.6 x 58.1 x 42.8mm (4 in. x 2 3/8 in. x 1 11/16 in.)	
Weight (CIPA compliant)	Approx. 301g (10.7oz.) (with battery and memory card included) / Approx. 274g (9.7oz.) (Body Only)	
Supplied Accessories	Rechargeable Battery Pack NP-BX1 / AC Adaptor / Micro USB cable / Wrist Strap / Strap adaptor / Instruction Manual	

Specifications and features are subject to change without notice.

- Optical zoom from wide side.
- REI = Recommended Exposure Index.
- Achieved by using overlay burst shooting.
- You may not be able to shoot images in Burst mode depending on the Shooting mode.
- Continuous shooting speed will be reduced when used together with built-in flash.
- 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)
- A Class 10 or higher SDHC/SDXC memory card is required to record movies in the XAVC S format. A UHS-I (U3) SDHC/SDXC card is required for 100Mbps.
- 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).
- Based on recording time, which is defined by repeating the cycle: Power on, start recording, zoom, stand-by, power off.
- Indication 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.
- Models capable of extended-gamut recording and HDMI transmission function for both still images and movies.

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

Sony | Photo Gallery:

http://www.sony.net/Products/di_photo-gallery/



Sony | Camera Channel:

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

