Main specifications of DSC-RX100M7

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
Angle of View (35mm format equivalent) (Still Image)*1		84deg.-12deg.30min. (24-200mm*2)
Focus Range (from the front of the lens)*1		AF (W: Approx. 8cm (0.27 ft.) to Infinity, T: Approx. 100cm (3.29 ft.) to Infinity)
Optical Zoom	Still Image	8.0x
	Movie	
Clear Image Zoom*3	Still Image	20M Approx. 16x / 10M Approx. 22x / 5.0M Approx. 32x / VGA Approx. 121x
	Movie	4K: Approx. 12x / HD: Approx. 16x
Digital Zoom*3	Still Image	20M Approx. 32x / 10M Approx. 44x / 5.0M Approx. 64x / VGA Approx. 121x
	Movie	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)
Dioptre 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 (357 points (phase-detection AF), 425 points (contrast-detection AF) / Zone / Center / Flexible Spot (S/M/L) / Expanded Flexible Spot / Tracking (Wide / Zone / Center / Flexible Spot (S/M/L) / Expanded Flexible Spot)
Object Tracking		Yes (Tracking)
Eye AF	Still Image	Human (Right/Left Eye Select) / Animal
	Movie	Human (Right/Left Eye Select)
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 Images)*4		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*5
ISO Sensitivity (Movie)		Auto:(ISO100Level-ISO12800Level, selectable with upper / lower limit), 100/125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200/4000/5000/6400/8000/10000/12800
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*6		Auto (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	Single Shooting	iAuto (4" - 1/32000) / Program Auto(30" - 1/32000) / Manual (30" - 1/32000) / Aperture Priority (30" - 1/32000) / Shutter Priority (30" - 1/32000)
	Continuous Shooting / Single Burst Shooting	1/8 - 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, 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, Pet Mode, Gourmet, Fireworks, High Sensitivity
Continuous Shooting Speed (maximum) (Maximum number of recorded pixels)*7*8*9		[AUTO / Electronic Shutter] Continuous Shooting Hi: approx. 20 fps, Continuous Shooting Mid: approx. 10 fps, Continuous Shooting Low: approx. 5.0 fps, Single Burst Shooting Hi: approx. 90fps*10, Single Burst Shooting Mid: approx. 60fps*10, Single Burst Shooting Low: approx. 30fps*10
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 / Single Burst shots with 10sec. 5sec. or 2sec. delay selectable
Drive Modes		Single, Continuous shooting, Single Burst Shooting, Self-timer, Self-timer (cont.), Cont.-bracketing*1, Single-bracketing*1, White balance bracketing*1, DRO bracketing*1
Interval Rec		Yes (1-60 sec. interval, 1-9999 shots, AE lock/AE tracking (High/Mid/Low))*12
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", "TRILUMINOS", "TRILUMINOS Color", "TRILUMINOS Display" and "XAVC S" "Imaging Edge", 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			[XAVC S (100Mbps)] SDXC / SDHC Memory Card (UHS-I U3 or higher); [XAVC S (60Mbps ~ 50Mbps)] SDXC / SDHC Memory Card (Class 10 or higher); [AVCHD / Still image] Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick Micro*13, Memory Stick Micro(Mark2)*13, SDXC/SDHC/SD Memory Card (Class 4 or higher), micro SDXC / SDHC / SD Memory Card (Class 4 or higher)*13
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
Recording Format (Movie Audio)			XAVC S: LPCM 2ch / AVCHD: Dolby Digital (AC-3) 2ch (Dolby Digital Stereo Creator)
Colour 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 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) / 100p 100M (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) <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 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)

Print

Exif Print	Yes
PRINT Image Matching (PIM3)	Yes

Interface

Input and Output Terminal	Multi / Micro USB Terminal*14, Hi-Speed USB (USB2.0), Micro HDMI, Microphone jack (3.5mm Stereo mini jack)
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. 2.1W with LCD monitor and approx. 2.3W with viewfinder (CIPA standard)
USB Charge / USB Power Supply		Yes (Shooting, Playback)
Battery Life (CIPA)	Still Images*15	Monitor:Approx. 260 / Approx. 130min., Monitor (When Auto Monitor off is set to 2sec):Approx. 310 / Approx. 155min., ViewFinder:Approx. 240 / Approx. 120min.
	Movies (actual shooting)*16	Monitor: Approx. 40min., Viewfinder: Approx. 40min.
	Movies (continuous shooting)*17	Monitor: Approx. 70min., Viewfinder: Approx. 70min.

Others

InCamera Guide	Yes
PlayMemories Camera Apps	-
Shooting Functions	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 (Display: Off/On) (Level: High/Mid/Low) (Color: Red/Yellow/Blue/White), Zebra, Marker Display, Audio Rec Level, Audio Level Display, Step Zoom / Quick Zoom, Self-portrait timer, TC / UB, Copyright Info, ISO Auto Minimum Shutter Speed, PC Remote Control, Gamma Disp. Assist, [Mov]AF Tracking Sensitivity, [Mov]AF Drive Speed, Set File Name, Touch Shutter / Touch Focus / Touch Tracking, Touch Pad, My Menu, My Dial
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*18	Yes
4K Image Output	Yes
Operating Speed*19	Start-up Time (Approx. 1.3 sec.) / Shooting Time Lag (Approx. 0.06 sec.) / Shooting Interval (Approx. 0.32 sec.)
Digital Level Gauge	Yes (Pitch and roll)
Dimensions (W x H x D) (Approx.)	101.6 x 58.1 x 42.8mm (4 in. x 2 3/8 in. x 1 11/16 in.)
Weight (CIPA compliant)	Approx. 302g (10.7oz.) (Battery and Memory Card are included) / Approx. 275g (9.8oz.) (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.

*1 At maximum pixel readout.
*2 Value displayed on the camera and recorded in the Exif.
*3 Optical zoom from the wide side (except RX1 series and RX0).
*4 REI = Recommended Exposure Index.
*5 Achieved by using overlay burst shooting.
*6 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).
*7 You may not be able to shoot images in Burst mode depending on the Shooting mode.
*8 Continuous shooting speed will be reduced when used together with built-in flash.
*9 Speed will be slowing after taking some shots.
*10 7 images are captured in one shot.
*11 Self-Timer is available.
*12 Wi-Fi does not work.
*13 With Adaptor (optional)
*14 Supports Micro USB compatible device.
*15 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.
*16 Indication recording time, which is defined by repeating the cycle (default setting): Power on, start recording, zoom (except DSC-RX1, DSC-RX0 series models), stand-by, power off.
*17 Based on non-stop recording until the limit of continuous shooting has been reached, and then continued recording again. Other operations will not be available.
*18 Models capable of extended-gamut recording and HDMI transmission function for both still images and movies.
*19 Shooting interval of maximum recoded pixels.

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

Printed in Japan

SONY Cyber-shot

Digital Still Camera

RX100 Ⅶ

Eyes Uncompromised. Pro features in a to-go package.

RX100 Ⅶ

The perfect companion for active lives

Pro-level features for both still shots and movies will meet the demands of all enthusiasts looking to capture the best shot.

200mm*, 1/1600 sec., F5.6, ISO 400

*Angle of view (35mm format equivalent).

A compact powerhouse

200mm* 0.4 sec., F5.6, ISO100
* Angle of view (35mm format equivalent).

200mm* 1/10000 sec., F4.5, ISO800
* Angle of view (35mm format equivalent).

24-200mm broad zoom range

The built-in ZEISS® Vario-Sonnar T* 24-200mm* F2.8-4.5 zoom lens covers a broad zoom range equivalent to two standard zoom lenses (24-70mm* and 70-200mm*), all in a very compact size. Because it covers the scope from wide to telephoto, it can express a wide range of images while still maintaining excellent portability.
* Angle of view (35mm format equivalent).
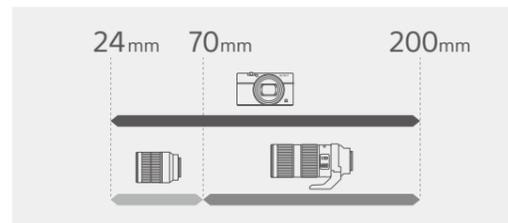
High-resolution lens optics

The lens is configured with eight aspherical lens elements with 13 aspherical faces to achieve maximum resolution, clarity and contrast across the entire zoom range, and all the way out to the edge of the image. Four of Sony's original AA (advanced aspherical) elements help minimise spherical, coma and chromatic aberrations. Additionally, the use of two ED (Extra-low Dispersion) glass elements delivers effective reduction of chromatic aberration at telephoto.
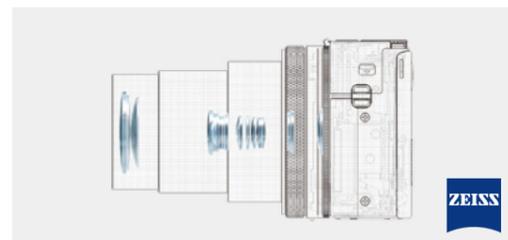
## A new image sensor that delivers high-speed performance

The new 1.0-type stacked CMOS sensor works with the latest BIONZ X™ image-processing engine to deliver impressive levels of speed performance. The result is Blackout-free Shooting[1] at up to 20fps[2], with AF/AE tracking-calculations at up to 60 times/sec.[3]. In addition, Single Burst Shooting[4] at up to 90fps[5] captures split-second action.
[1] Effective when using electronic shutter. The slower the shutter speed, the lower the refresh rate of the screen.
[2] When using the electronic shutter with "Continuous shooting mode: Hi". Effective when the shutter speed is 1/60 or above.
[3] When using the electronic shutter. Effective when the shutter speed is 1/60 or above.
[4] Seven still images are shot per burst. Focus and exposure are fixed at the first shot in each burst.
[5] When Drive Mode set to "Single Burst Shooting: Hi".

24 mm 70 mm 200 mm

ZEISS

Exmor RS CMOS Sensor   BIONZ X
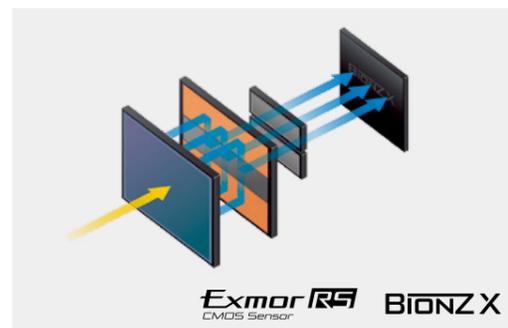
Single Burst Shooting to capture decisive moments

The new Single Burst Shooting* function will capture the tiniest slices of daily life, such as the very instant a tennis ball hits the racket, and turn them into works of art. Take seven shots in rapid succession at selectable speeds of 90fps, 60fps or 30fps, all triggered by a single press of the shutter button. Even fast-moving subjects can be captured thanks to the Anti-distortion Shutter, in RAW as well as JPEG image formats.
* Seven still images are shot per burst. Focus and exposure are fixed at the first shot in each burst.

90 fps (0.011sec.)

7 photos
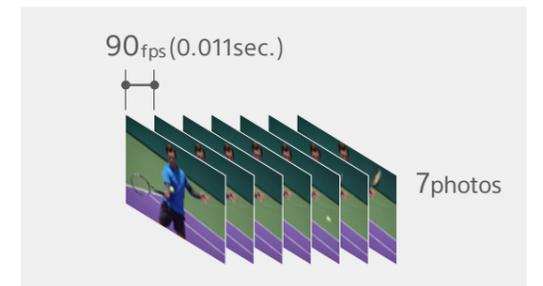
20fps continuous shooting with highly accurate AF/AE tracking

The new image sensor offers continuous shooting at up to 20fps[1], and the camera tracks subjects with AF/AE calculations at up to 60 times per second[2], even when they are moving erratically or at high speed.
[1] When using the electronic shutter with "Continuous shooting mode: Hi". Effective when the shutter speed is 1/60 or above.
[2] When using the electronic shutter. Effective when the shutter speed is 1/60 or above.

60 times/sec. AF/AE Calculation

20 frames/sec.

Blackout-free Shooting to keep your subject in view

Blackout-free Shooting* lets you track your subject's movement without interruption on the camera's LCD display or viewfinder screen just as if you were following with the naked eye. Display updates are performed at 60fps to minimise time lag.
* Effective when using electronic shutter. The slower the shutter speed, the lower the refresh rate of the screen.

Blackout-free Shooting

Continuous shooting with blackout
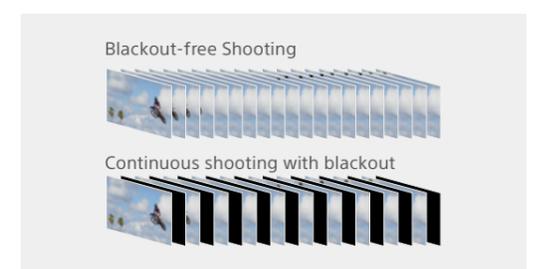
Follow the action, quickly and reliably

200mm*, 1/1000 sec., F5.0, ISO 200
* Angle of view (35mm format equivalent).

100mm*, 1/1250 sec., F4, ISO 100
* Angle of view (35mm format equivalent).

AI-based Real-time Tracking

Real-time Tracking uses subject-recognition algorithms (AI)* that draw on colour, pattern (brightness), subject distance (depth) and face/eye information to track your subjects wherever they move. Maintaining a constant, steady focus on a moving subject helps you capture every important moment of action as it happens, whether you're taking stills or movies.
* Employing AI (artificial intelligence) technology, including machine learning.

Wide AF coverage and fast AF speed

The RX100 VII features a category-leading*1 total of 357 focal-plane phase-detection AF points, covering approx. 68% of the image frame. This is combined with a more finely segmented array of 425 contrast-detection AF points blanketing the image frame. Optimisation of the lens drive control contributes to the camera's AF acquisition speed of 0.02 seconds*2.
*1 Among fixed lens digital cameras with 1.0-type sensor. As of July 2019, based on Sony research.
*2 CIPA standard, internal measurement, at f=9.0mm (wide-end), EV6.6, Program Auto, Focus mode: AF-A, Focus area: Center.
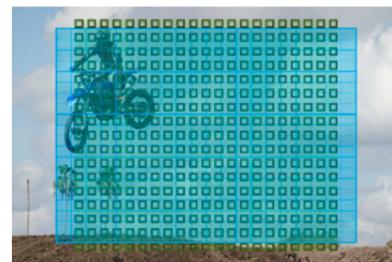
☐ Phase-detection AF coverage (357 points)
☐ Contrast-detection AF coverage (425 points)

Convenient touch operations for smooth shooting

Touch Shutter activates the shutter, and Touch Focus lets you set the focus point quickly and easily with a simple touch to the monitor. With Touch Tracking, a simple tap on the position of your subject initiates Real-time Tracking, and Touch Pad facilitates smooth shifting of the focus position.

### Fast, efficient control of focus settings

Frequently used focus-area types and ISO ranges can be displayed more prominently, for quicker access on the settings screens. In addition, the Circulation of Focus Point setting allows the AF area to be moved in any direction. This is useful when shooting scenes like sporting events where the subject frequently moves from one edge of the AF area to the other.


Real-time Eye AF for human and animal eyes

Sony's advanced eye-detection and tracking performance are the secret ingredients for beautiful portrait shots. Real-time Eye AF detects the subject's eyes and maintains focus as the subject moves, leaving you free to compose your shot. The subject's eyes are detected when you half-press the shutter, and it's possible to select either the left or right eye of the subject. It can be used in conjunction with Real-time Tracking, in which case the focus frame can seamlessly switch between the subject's face and eyes as the subject moves. Real-time Eye AF for Animals* is also supported, helping to produce better pet portraits and wildlife shots.
* Still images only. Does not work with all types of animal. Mode must be switched between human and animals. Tracking and right/left eye selection are not available.
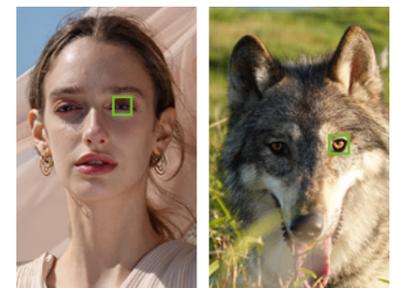
Improved displays for clear operation

A visual indicator selectable from four display styles shows when the shutter is released - helpful during silent continuous shooting. Also, the colour of the focus frame showing the AF area can now be switched between red and white.
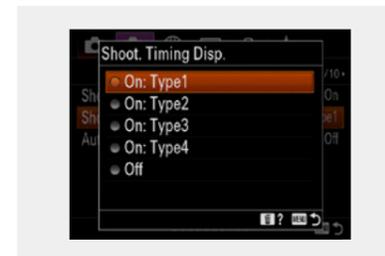
Display and handle continuously shot images in groups

Images shot in continuous shooting mode can be displayed and reviewed in the groups in which they were shot. These images can be deleted or protected in one quick operation, to save time on location.
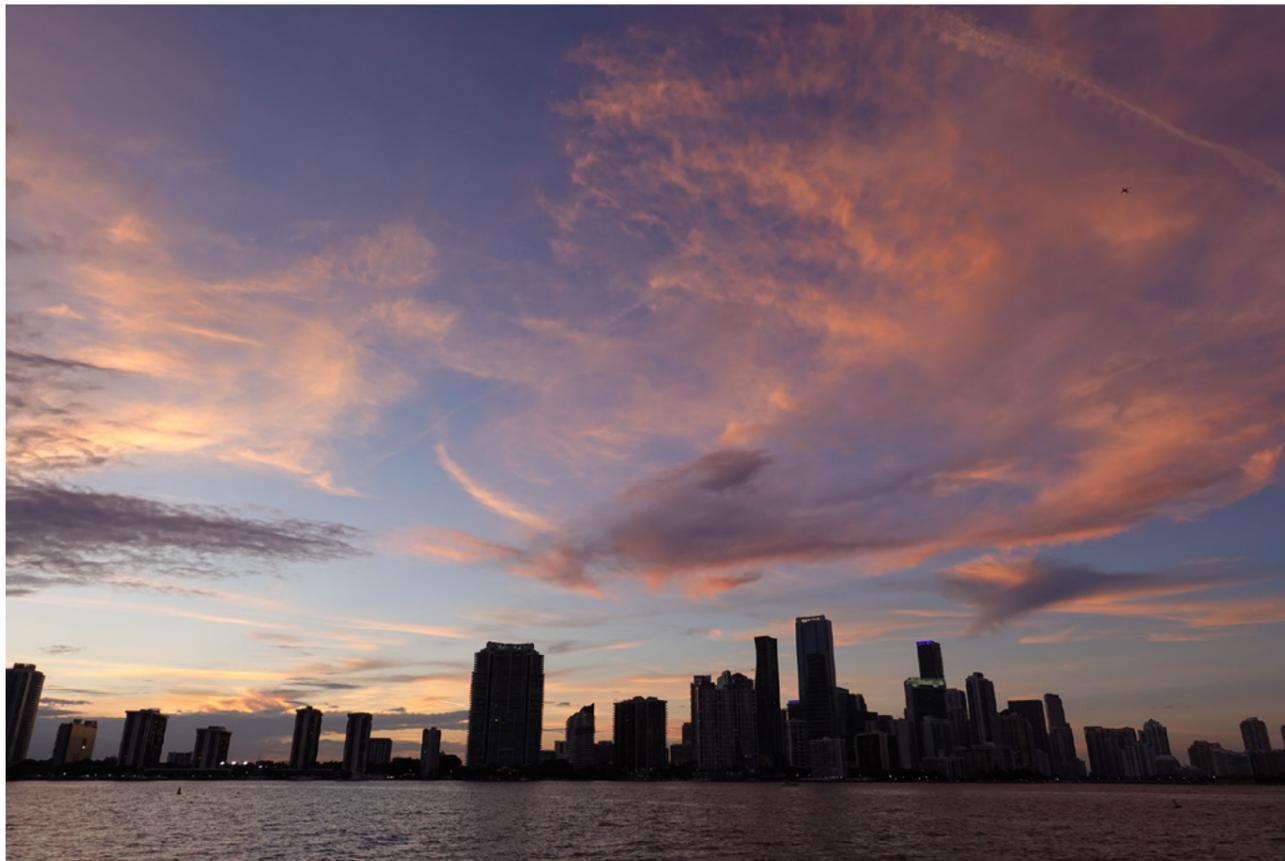
Rating and protect functions facilitate on-location work flow

Ratings of 1 to 5 stars can be applied to still images right from the camera controls, set via assigned custom buttons, and you can also mark images to be protected from deletion in a similar manner.

Stunning image quality

24mm*, 1/2 sec., F4.0, ISO 100
* Angle of view (35mm format equivalent).

20MP resolution, ISO 100-12800 sensitivity

The 20.1MP*, 1.0-type stacked CMOS image sensor uses back-illumination technology with high light-collection efficiency. The standard ISO range is 100-12800, expanded to ISO 64/80 for stills. The camera also takes advantage of improved colour filters to help achieve more realistic textures and colours. In particular, human skin tones look natural, while the vivid colours of flowers are more accurately reproduced.
* Approximate effective megapixels.
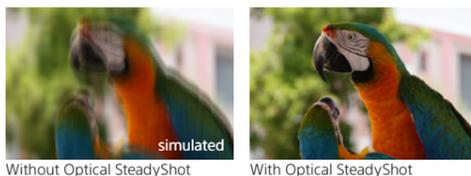
Soft Skin Effect and Beauty Effect

Soft Skin Effect works by reducing small facial wrinkles and areas of dull-looking skin, while simultaneously preserving the clarity of the subject's eyes and mouth. Beauty Effect lets you tone and smooth skin, compensate for overly glistening faces, widen eyes and brighten teeth.

Soft Skin Effect: OFF   Soft Skin Effect: High

Creative Style and Picture Effect

A variety of Creative Style settings for stills and movies adjust the contrast, saturation and sharpness while allowing manual fine-tuning of images. You can apply Picture Effect modes such as Partial Color to adjust camera parameters and apply advanced image processing, with real-time previews for most effects.

Sepia   Partial color

Smooth stabilisation even at telephoto range

Optical SteadyShot™ prevents image blurring that can occur during handheld shooting, especially in dim lighting or at telephoto range. It delivers stabilisation equivalent to a 4.0-step* faster shutter speed to ensure smooth, stable framing and excellent image quality.
* CIPA standard, pitch/yaw directions, at 200mm (angle of view, 35mm format equivalent).

Without Optical SteadyShot   With Optical SteadyShot

Anti-distortion shutter with silent shooting option

The Anti-distortion electronic shutter achieves speeds up to 1/32000 sec., while the sensor's fast data readout reduces distortion for fast-moving subjects. You can also mute the camera's shutter* in noise-sensitive scenes to avoid distracting noise.
* Silent shooting can be activated via "Shutter type: Electronic" and "Audio signals: Off".

Conventional rolling shutter   Anti-distortion Shutter

8

A wealth of movie-making features

## The latest high-speed, highly accurate AF for movies

For the first time in the RX series, Real-time Tracking and Real-time Eye AF are available for movies. You can also use these features in conjunction with Touch Tracking. Simply touch to initiate Real-time Tracking or select between the subject's left and right eyes.

4K HDR(HLG) and S-Log3 recording

The camera can record 4K movies* with full pixel readout and no pixel binning, with oversampling for high image quality. HLG (Hybrid Log-Gamma) compatibility enables HDR capture and immediate playback without post-production, by connecting the camera to an HDR(HLG) compatible Sony TV via a USB cable. The wide colour space and dynamic range available using S-Log profiles give you more creative freedom in post-production.
* 3840 x 2160 pixels. When the "Auto Power Off Temperature" is set to "Standard", continuous recording is possible for up to 5 minutes. A Class 10 or higher SDHC/SDXC card is required for XAVC S format movie recording. UHS-I (U3) SDHC/SDXC card is required for 100Mbps.
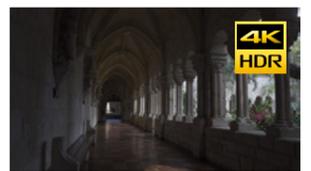
HDR(HLG)

Active mode image stabilisation for 4K movies

The camera now supports "Active" mode image stabilisation for 4K movies, using optical and electronic stabilisation methods up to eight times more effective*1 than the Standard mode. Intelligent Active mode with Full HD recording provides smoother stabilisation even for shooting while walking. The Movie Edit add-on mobile app*2 helps achieve smoothness similar to what you would see using a gimbal*3.
*1 Image compensation angle at wide-end (comparison with 4K Standard mode).
*2 Please use the latest version.
*3 The frame area of the picture becomes narrower than the original image. Movie footage can be rendered up to Full HD quality.

Interval Shooting and Super Slow Motion movies

Interval Shooting*1 with a set interval of 1 to 60 seconds is now available within the camera, with AE tracking to reduce variations in exposure. The resulting still images can be edited into a time-lapse movie on a PC. It's also possible to record impressive 960fps (NTSC)/1000fps (PAL) Super Slow Motion*2 footage, at speeds as much as 40x slower than real-time.
*1 Wi-Fi is not operational during Interval Shooting.
*2 Audio recording is not available. A Class 10 or higher SDHC/SDXC memory card is required.

External mic input, for higher-quality sound

The RX100 VII, while maintaining its compact size, now includes a microphone* input. The standard 3.5mm input enables professional audio capture for all your movies and vlogs.

* Use of separately sold accessories is required to attach an external microphone to the camera (excluding the case when the Shooting Grip Kit is used).

Vertical-position data recording for movies

Movies shot with the camera held vertically can now be viewed as is on your smartphone and in social media without needing rotation, thanks to metadata automatically added by the camera*.
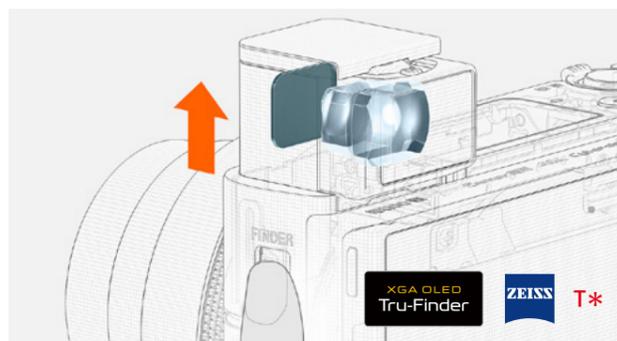

* In-camera movie playback is in the horizontal position. Whether or not movies are displayed in the vertical position depends on your device.
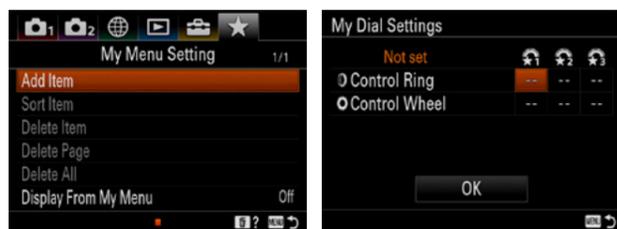
9

Designed for smooth operation

One-push Access EVF

Simply depressing the viewfinder pop-up switch on the side of the body makes the built-in electronic viewfinder instantly usable, for increased convenience.
The viewfinder's 2.35-million-dot-equivalent resolution shows the subtlest details with stunning contrast. ZEISS® T* Coating on the eyepiece optics ensures clear corner-to-corner viewing.


Flip touch screen tilts upward 180° and downward 90°

The clear, bright, 3.0-type 921k-dot Xtra Fine high-resolution LCD is tiltable to about 180 degrees up and 90 degrees down, and is good not only for selfies but also for framing from any freely-chosen position like high-angle, low-angle, etc. You can control the brightness for better visibility under strong lighting. Touch operation is also available.

My Menu and My Dial

My Menu allows for the flexible assignment of 30 menu items, and frequently used functions can also be assigned to the control dial and control wheel with My Dial. Help displays are available on the menu screen.

### Function menus and custom buttons

Different menu settings on function buttons can be assigned separately for stills and movies. In addition, custom assignments are now easier to see and keep track of on the display screens, enabling more intuitive operation.
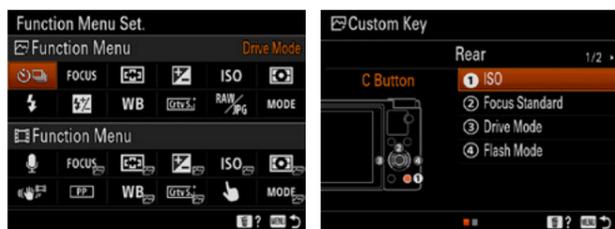
Imaging Edge

Expanded possibilities with Imaging Edge Mobile

You can shoot stills and movies remotely via built-in Wi-Fi® from your smartphone or tablet after installing the free Imaging Edge Mobile[1] app on your device. Captured images and 4K movies can also be wirelessly transferred to your device for easy sharing[2]. Additionally, Automatic Background Transfer to Smartphone of remotely shot images allows you to transfer all still images from the camera to the smartphone automatically while continuing to shoot[3], and the camera can acquire location data via Bluetooth®[4].

[1] Please use the latest version.
[2] Availability of video transfer and playback varies depending on smartphone in use.
[3] Stills transferred by this function are restricted to 2MP.
[4] Bluetooth connection should be activated in advance.
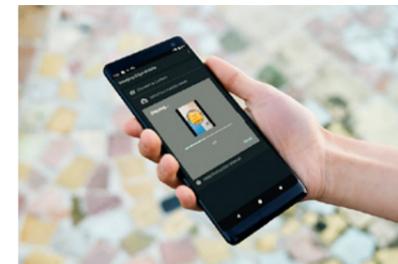
Imaging Edge™ Remote, Viewer and Edit

Elevate your photography with Imaging Edge desktop applications. Use "Remote" to control and monitor shooting live on your PC screen; "Viewer" to quickly preview, rate, and select photos from large image libraries; and "Edit" to develop RAW data into high-quality photos for delivery. Get the best from Sony RAW files, and manage your productions more efficiently*.

* Please use the latest version.

Accessories

Rechargeable Battery Pack
NP-BX1

Battery Charger
BC-TRX

Accessory Kit
ACC-TRBX

Stereo Microphone
ECM-XYST1M

Shooting Grip
VCT-SGR1

Remote Control Tripod
VCT-VPR1

Tripod
VCT-P300

Remote Commander
RMT-P1BT

Screen Protect Glass Sheet
PCK-LG1

Attachment Grip
AG-R2

Jacket Case
LCJ-RXK

Shoulder Strap
STP-XH70