### Main specifications of DSC-RX100M5

#### Image Sensor
- Type: 2.3Exmor R™ CMOS, 1.0-type (3.38x4.88mm) 1/1.0-type (3.38x4.88mm) active area 3M 1.0-type (3.38x4.88mm) 3M 1.0-type (3.38x4.88mm) active area 3M 1.0-type (3.38x4.88mm)
- Effective Area: 3.38x4.88mm
- Number of Pixels: Approx. 20.1 Megapixels
- Number of Gross Pixels: Approx. 21.0 Megapixels

#### Focal Length (f=) f=8.8-25.7mm
- F-number (maximum aperture) F1.8 (W)-2.8 (T)

#### Lens
- Number of Effective Pixels: Approx. 20.1 Megapixels
- Number of Gross Pixels: Approx. 21.0 Megapixels

#### Recording Mode
- Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO Duo (High Speed) Micro, Memory Stick PRO Duo (High Speed) Micro
- Memory Stick PRO Duo (High Speed) Micro

#### Recording Format
- MP4: 30M (1,920x1,080/50p) / 25M (1,920x1,080/25p) / 24p 25M (1,920x1,080/24p), 25M (1,920x1,080/25p) / 24M (1,920x1,080/24p), 24M (1,920x1,080/24p) / 20M (1,920x1,080/20p), 20M (1,920x1,080/20p) / 10M (1,920x1,080/10p), 10M (1,920x1,080/10p)

#### Flash Mode
- Flash Range: Flash Mode: Approx. 0.02-3.8m (0.07-12.51 ft.) (ISO200)

#### White Balance Mode
- Auto / Daylight / Shade / Cloudy / Incandescent / Fluor.:
  - Warm White / Fluor.

#### Frame Rate
- 9/25-frame index view / Auto Orientation / BRAVIA Sync (Control for HDMI) / 9/25-frame view / Auto Orientation / BRAVIA Sync (Control for HDMI)

#### Exposure Compensation
- +/- 3.0 EV, 1/3 EV step

#### Other
- USB: Micro USB, Hi-Speed USB (USB2.0), Micro HDMI

### Battery Life
- Monitor: Approx. 65 min., Viewfinder: Approx. 65 min.

### Movie Recording
- XAVC S HD: 50p 50M (1,920x1,080/50p) / 25p 50M (1,920x1,080/25p) / 24p 25M (1,920x1,080/24p), 25p 25M (1,920x1,080/25p) / 24M (1,920x1,080/25p), 24M (1,920x1,080/25p) / 20M (1,920x1,080/20p), 20M (1,920x1,080/20p) / 10M (1,920x1,080/10p), 10M (1,920x1,080/10p)

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

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**Eyes uncompromised. Take your best shot.**

### Environmental Information

- Printed in Japan

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**SONY** is a registered trademark of Sony Corporation.

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**Environmental Information**

- Printed in Japanese
- Recycled paper is used for the packaging cushions.
- Corrugated cardboard and paper are used for the packaging cushions.
- Recycled paper is used for the packaging cushions.
- Halogenated flame retardants are not used in cabinets and certain printed wiring boards.
- Recycled paper is used for the packaging cushions.
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* 0.05-sec.† AF response with the world’s most§ (315) phase-detection AF points
- World’s fastest* continuous shooting of up to 24fps* with AF/AE for up to 150 shots*†
- Approx. 20.1 effective megapixel 1.0-type stacked CMOS sensor with DRAM chip
- ZEISS® Vario-Sonnar T* 24-70mm*† F1.8-2.8 lens
- Up to 40x super slow motion*‡
- 4K movie recording*§* and various movie functions

* Among fixed lens digital cameras with 1-type sensor. As of October 2016 press release. Based on Sony research.
† Among fixed lens digital cameras with 1-type sensor. CIPA standard. Internal measurement. At f=8.8 (wide-end), EV4.7, Program Auto, AF area: Wide, Focus Mode: AF-A.
‡ With “Continuous shooting mode: Hi”.
§ With “Continuous shooting mode: Hi” and “Image quality: Fine”.
§ 35mm equivalent.
* Class 10 or higher SDHC/SDXC memory card is required.
† 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.
‡ Continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to the 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.

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

**World’s fastest* (0.05 sec)** AF speed

0.05 sec.

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

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

**World’s fastest* continuous shooting up to 24fps** 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 with AF/AE tracking for up to 150* 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.

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

* With "Continuous shooting mode: Hi".

* With "Continuous shooting mode: Hi" and "Image quality: Fine".
Brilliant inventions to realize your best intentions

**Smother, 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 immediately. 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.

**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.

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.

**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 spontaneous, immediate, comfortable shooting.

* With “Continuous shooting mode: Hi”.

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No.1 image sensor manufacturer for digital cameras and video recorders.
Based on Sony research – April 2015 to March 2016 (over 50% market share).
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[1]. AF drive speed and AF tracking sensitivity are adjustable by menu, giving you flexibility to focus according to movie shooting intentions and 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.

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.

Super slow motion duration doubled[1]

The RX100 V not only inherits capability to record super slow motion[1] footage that’s up to 40x slower than natural motion; it can also record at such a high frame rate for over twice[2] 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.

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.

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

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, 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 2399k-dot high-resolution LCD 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 LCD screen with 2359k-dot high-resolution displays tilts up to 180° 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.

[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.

*35mm equivalent.

*In PAL mode.

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

* 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.
* Continuous recording is available for approx. 5 minutes. The duration available for the shooting may change according to shooting conditions.
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.

*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.

* 4x wide-end, 2.9x optical zoom.

**Built-in ND filter**
A built-in ND filter function allows 1-stop reduction compensation equivalent to three stops or reducing light volume to about 1/8. This practical feature 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.

**Eye AF in AF-C mode**
When the camera is in AF-C mode, you can use Eye AF to automatically 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.

**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.

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**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.

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**Gamma Display Assist**
This feature 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-Log 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.

**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/105p (XAVC S/PRO) or in 4K recording.

**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.

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