

DSC-RX100M3

Premium camera with built-in EVF and bright, versatile lens.

Sony premium compact digital camera with 20.1MP (approximate) 1.0-type Exmor R CMOS sensor; ZEISS® Vario-Sonnar T* 24-70mm F1.8-2.8 lens; built-in electronic viewfinder (EVF).

- 20.1MP (approximate) 1.0-type Exmor R CMOS sensor
- ZEISS® Vario-Sonnar T 24-70mm F1.8-2.8 lens
- Built-in electronic viewfinder (EVF)

What is in the box?

In the box:

The following items are provided with this product:

- Instruction Manual
- AC Adaptor
- Strap Adaptor
- Micro USB cable
- Rechargeable Battery Pack NP-BX1
- Wrist Strap

Features

20.1MP (effective) 1.0-type back-illuminated Exmor R CMOS sensor

See more detail with a bigger sensor. 20.1 effective MP 1.0-type Exmor R CMOS sensor ensures bright, clear detail in all your photos and video. You get four times better light capture with a back-illuminated sensor. By placing the metal wiring in the back, rather than the front, Sony's design creates a light-capturing area approximately four times larger than that of standard sensors.

BIONZ X image processing engine

The BIONZ X image processing engine incorporates sophisticated detail reproduction technology, diffraction reducing technology, and improved area-specific noise reduction while offering approximately three times more processing power than the previous BIONZ engine to enable faithful, realistic reproduction of high-definition details and textures in realtime.

ZEISS® Vario-Sonnar T* 24-70mm F1.8-2.8 lens

The RX100 III design features a versatile fixed lens of renowned ZEISS® quality. Up to 9 aspherical lens elements are used, among which two AA (advanced aspherical) lenses are cemented accurately to contribute to the downsizing of the whole lens unit while

keeping the superb optical performance. The 24mm wide-angle gets more of the scene—ideal for architecture and landscapes, while the 70mm at a bright F2.8 is great for portraits, close-ups (30cm distance), and creative background blurring. The lens also features a built-in 1/8 ND filter that allows the exposure to be adjusted by 3-EV step equivalents to handle bright scenes. (Note: the 24-70mm specs are a 35mm equivalent).

Detail reproduction and diffraction reduction

Two new technologies bring out the full performance of sensor and lenses. Detail reproduction technology prevents the overemphasized outlines that plague most digital images. Diffraction reduction suppresses the effects of diffraction, which causes points of light to appear blurred especially at small aperture settings (large F-numbers). By taking the aperture setting into account, this technology faithfully restores clarity to points of light and other fine details, for beautiful landscapes, portraiture, and more.

Area-specific noise reduction

Area-specific noise reduction is now more powerful than ever. It selectively divides the image into areas based on patterns (such as edges, textures and evenly coloured areas like blue skies), and then applies the most appropriate noise reduction for each area to improve image quality, especially at high-sensitivity settings. Working together with Sony's detail reproduction, it gives supremely clear, detailed images.

Built-in electronic viewfinder

Built into a camera body equal in size to the RX100 is an OLED Tru-Finder that enables faster, more accurate photo composition. The viewfinder is comprised of a high-contrast, high-resolution EL screen of approximately 1440k dots and features a ZEISS® T* coating that enhances clarity in the eyepiece optics. For stress-free shooting, an eye sensor allows instant shifting between the viewfinder and LCD screen.

XAVC S and AVCHD for advanced recording

The high-bit-rate XAVC S format is provided for serious videographers. It enables Full HD image recording at 50Mbps for extremely high-quality expression and minimal noise. It also employs the Long GOP (Group of Pictures) data compression method to realize efficient movie recording. (Note: Sony recommends using an SDXC memory card higher than Class 10 when shooting movies in the XAVC S format.) Furthermore, you can shoot Full Hi-Def with AVCHD, then easily edit that format in many different programs.

50 Mbps captures fast-moving scenes with excellent quality

In addition to AVCHD format, the RX100 III is the first Cyber-shot camera to offer XAVC S, the consumer variant of the professional XAVC format. Full HD (1920 x 1080) 60p (or 50p) recording at a bit rate of 50 Mbps clearly captures complex motion as seen in water spray or large crowds with stunning resolution. Audio is recorded in linear PCM format. Sequences recorded at the 120p high frame rate that is also included can be reproduced in slow-motion at 24p, and varied in speed by up to five times with impressively smooth results. Please note: 1) An SDXC memory card with a Class 10 or higher speed rating is required for XAVC S recording; 2) 120p recordings are captured at HD (1280 x 720) resolution. Intelligent Active Mode and Active Mode cannot be used when recording at 120p; 3) The camera does not provide slow-motion playback capability. PlayMemories Home™ can be used for slow-motion playback.

Full-pixel readout reduces artifacts

By using the power and speed of the BIONZ X processing engine to read the data from all of the image sensor's pixels at high speed, artifacts are effectively suppressed so that a smooth, high-resolution image is reproduced.

Simultaneous dual video recording

Want to share your work with friends immediately—but still get pro-level footage? Simultaneously

record top-quality AVCHD or XAVC S and web-friendly MP4 formats.

180-degree tilting LCD screen

A 3.0-inch, 1229k-dot extra-fine LCD screen tilts up to 180 degrees for easier selfies or group shots, and down to help compose your shot in macro mode.

Lock-on autofocus and area setting options

Lock-on AF adjusts the target frame size based on subject characteristics and makes use of a wide AF area to ensure usage of the optimal AF point for smooth, stable autofocusing. New BIONZ X ensures swifter subject tracking and detection performance than ever before.

Eye autofocus

Even when capturing a subject partially turned away from the camera with a shallow depth of field, the face will be sharply focused thanks to extremely accurate eye detection that can prioritize a single pupil. A green frame appears over the prioritized eye when focus has been achieved for easy confirmation.

Manual focus options

Features such as MF Assist (enlarging the image) and Peaking (highlighting edges in focus) make it easy to incorporate manual focus in your shooting when you desire the added flexibility.

Control ring and Custom button

Convenient lens-mounted control ring lets you select shutter speed, aperture and more for added creative control—another feature making the RX100 III ready for serious photographers. Additionally, use the Custom button for any of 42 possible functions to best adapt the RX100 III's capabilities to your shooting style or situation.

HDMI connections and Wi-Fi convenience

Want to display your still shots on a beautiful 4K TV? Cable ports allow connections such as HDMI yet do not interrupt the crisp, clean lines of the camera body. You can also use the Wi-Fi feature and dispense with cables all together.

Support for PlayMemories Camera Apps

Add usability and convenience with key apps like Smart Remote Control (which lets you use your smartphone for remote shutter release), Direct Upload for maximum social network convenience, and other apps for editing and effects.

Specifications

Size & Weight

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| Dimensions (W x H x D) (CIPA) | 101.6 x 58.1x 41.0 mm (4 in. x 2 3/8 in. x 1 5/8 in.) |
| Weight (CIPA) | Approx. 290g (10.2oz.) (Battery and Memory Stick Duo are included) / Approx. 263g (9.3oz.) (Body Only) |

Sensor

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| Sensor Type | 1.0-type (13.2mm x 8.8mm) Exmor R CMOS sensor, aspect ratio 3:2 |
| Effective pixels | Approx. 20.1 Megapixels |

Lens

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| Lens type | ZEISS Vario-Sonnar T Lens, 10 elements in 9 groups (9 aspheric elements including AA lens) |
| F-number | F1.8 (W) - 2.8 (T) |
| Focal length | f=8.8 - 25.7mm |

Zoom

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| Optical Zoom | 2.9x (Optical Zoom during movie recording) |
| Digital Zoom (Still Image) | 20M Approx.11x / 10M Approx.16x / 5M Approx.23x / VGA Approx.44x |
| Digital Zoom (Movie) | Digital Zoom Approx. 11 |
| Clear Image Zoom | Still Image: 20M Approx. 5.8x / 10M Approx. 8.2x / 5M Approx. 11x / VGA Approx. 44x;Movie: Approx. 5.8x |

Image Stabilization

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| Steadyshot | Optical |
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Focus

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| Focus Type | Contrast detection AF |
| Focus Mode | Single-shot AF, Continuous AF, DMF, Manual Focus |
| Focus Range | iAuto: AF (W: Approx. 5cm (0.17 ft.) to Infinity, T: Approx. 30cm (0.99 ft.) to Infinity) / Program Auto: AF (W: Approx. 5cm (0.17 ft.) to Infinity, T: Approx.30cm (0.99 ft.) to Infinity) |
| Light Metering Mode | Multi Pattern, Center Weighted, Spot |

Exposure

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| External Flash Mode | Auto / Flash On / Slow Synchro / Rear Sync / Flash Off |
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LCD

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| Screen Type | 7.5cm (3.0type) (4:3) / 1,228,800 dots / Xtra Fine / TFT LCD |
| Brightness Control | Auto / Manual (5 steps) / Sunny Weather |

Shutter

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| Shutter Speed | iAuto (4" - 1/2000) / Program Auto (1" - 1/2000) / Manual (Bulb, 30" - 1/2000) / Aperture Priority (8" - 1/2000) / Shutter Priority (30" - 1/2000) |
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White Balance

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| White Balance Modes | Auto, Daylight, Shade, Incandescent, Cloudy, Fluorescent (Warm White, Cool White, Day White, Daylight), Flash, C.Temp./Filter, Custom |
| Bracketing | Yes |

Storage Media

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| Compatible Recording Media | Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo(High Speed), Memory Stick PROHG Duo, Memory Stick Micro, Memory Stick Micro (Mark2), Memory Stick XC-HG Duo, SD Memory Card, SDHC Memory Card, SDXC Memory Card(UHS-I), microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card |
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Recording

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| Still Image Resolution | 3:2 mode: 20M (5,472×3,648) / 10M (3,888×2,592) / 5M (2,736×1,824); 4:3 mode: 18M (4,864×3,648) / 10M (3,648×2,736) / 5M (2,592×1,944) / VGA; 16:9 mode: 17M (5,472×3,080) / 7.5M (3,648×2,056) / 4.2M (2,720×1,528); 1:1 mode: 13M (3,648×3,648) / 6.5M (2,544×2,544) / 3.7M (1,920×1,920); Sweep Panorama: Wide (12,416×1,856 / 5,536×2,160), Standard (8,192×1,856 / 3,872×2,160) |
| Movie Resolution | AVCHD: 28M PS (1,920×1,080/50p) / 24M FX (1,920×1,080/50i) / 17M FH (1,920×1,080/50i) / 24M FX (1,920×1,080/25p) / 17M FH (1,920×1,080/25p); XAVC S: 50p 50M (1,920×1,080/50p) / 25p 50M (1,920×1,080/25p) / 100p 50M (1,280×720/100p); MP4: 12M (1,440×1,080/25fps) / 3M VGA (640×480/25fps) |
| Recording Format | Still Images: JPEG (DCF Ver.2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format); Movie: XAVC S, AVCHD format Ver.2.0 compatible, MP4 |

Built-in Flash

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| Built-in Flash Mode | Auto / Flash On / Slow Synchro / Rear Sync / Flash Off |
| Flash Type | Built-in, manual pop-up |
| Built-in 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); ISO12800: up to Approx. 20.4m (66.93 ft.) (W) / Approx. 13.0m (42.65 ft.) (T) |

Shooting

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| Image Processor | BIONZ X |
| Shooting Mode | Superior Auto, Intelligent Auto, Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure, Memory Recall (1,2,3), Movie Mode (Program Auto, Aperture Priority, Shutter Speed Priority, Manual Exposure), Panorama, Scene Selection |
| Continuous Shooting Speed (maximum) | Speed Priority Continuous Shooting: Approx. 10 fps, Continuous Shooting: Approx. 2.9 fps (AF-S) |
| Self-Timer | Off / 10sec. / 2sec. / 3 or 5 consecutive shots with 10sec. delay selectable |
| Scene Selection | Portrait, Sports Action, Macro, Landscape, Sunset, Night Scene, Handheld Twilight, Night Portrait, Anti Motion Blur, Pet Mode, Gourmet, Fireworks, High Sensitivity |
| Photo Creativity | Yes |
| Picture Effect | Toy camera, Pop colour, Posterization, Retro Photo, Soft High-key, Partial colour, High Contrast Mono., Soft Focus, HDR Painting, Richtone Monochrome, Miniature, Watercolour, Illustration |
| Panorama (Shooting) | YES |
| Shooting Functions | Eye AF, Face Detection, Face Registration, Smile Shutter, Quick Navi, Digital Level Gauge (pitch and roll), WB Bracketing, DRO Bracketing, MF Assist, Peaking, Zebra, Micref Level, Step Zoom, Self-portrait timer |

Exposure

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| Metering Mode | EV 0 to 20 (at ISO 100 equivalent) |
| Exposure Compensation | "+" / "-" 3.0 EV, 1/3 EV step |
| ISO Sensitivity (Still Image) | Auto (ISO 125-12800, 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 |

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| ISO Sensitivity (Movie) | Auto: (ISO 125 Level - ISO 12800 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 |
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Power

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| Power Consumption (Camera Mode) | Approx. 1.7W with LCD monitor and approx. 2.3W with viewfinder (CIPA standard) |
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Interface

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| Input and Output Terminals | Multi / Micro USB Terminal, Hi-Speed USB (USB2.0), Micro HDMI |
| Wi-Fi Connectivity | Yes (IEEE802.11b / g / n (2.4GHz band)) |

Accessories

LCS-U11

LCS-U21

VCT-MP1

VCT-R640

LCS-U11

More ways to carry your camera or camcorder

LCS-U21

Carry your camera or camcorder and all your kit

VCT-MP1

Get extra support for your Handycam™ or camera

VCT-R640

Keep your camera steady with a durable, easy to use tripod

VCT-R100

VCT-VPR1

VCT-VPR10

RM-VPR1

VCT-R100

Keep your camera steady with a light, portable tripod

VCT-VPR1

Steady shooting with easy control

VCT-VPR10

Steady shooting with precision control

RM-VPR1

Easily control a camera's shutter release, video record and zoom

GP-VPT1

NP-BX1

STP-XH70

STP-XS3

GP-VPT1

Steady shooting with precision control

NP-BX1

Shoot for longer and see battery life on your Cyber-shot™

STP-XH70

Shoulder strap in genuine leather

STP-XS3

Quick fit shoulder strap

LCS-ASB1

VCT-MP1

STP-XH70

STP-XS3

LCS-ASB1

Carry your camera and other items easily

VCT-MP1

Get extra support for your Handycam™ or camera

STP-XH70

Shoulder strap in genuine leather

STP-XS3

Quick fit shoulder strap

LCS-SL10

LCS-SL10

Stylish carry case for all
your essential camera kit