

Image Sensor	
Sensor Type	35mm full-frame (35.8mm x 23.9mm) Exmor CMOS Sensor, aspect ratio 3:2
Number of Pixels	(Effective) Approx. 24.3 megapixels (Gross) Approx. 24.7 megapixels
Lens	
Lens Type	Carl Zeiss Sonnar T*, 8 elements in 7 groups (3 aspherical elements including AA lens)
Magnification Ratio	0.26x (Macro mode)
F-number (maximum aperture)	F2
Aperture Type	Iris diaphragm (9 blades)
Focal Length (f=)	f=35mm <p>(Still Image 3:2) f=35mm (Still Image 16:9) f=37mm (Movie 16:9) f=44mm (SteadyShot On), f=37mm (SteadyShot Off) (Movie 4:3) f=48mm (SteadyShot On), f=45mm (SteadyShot Off)</p>
Focus Range (from the front of the lens)	AF approx. 24cm to infinity (Normal mode), approx. 14cm to 29cm (Macro mode)
Focus Range (from the focal plane)	AF approx. 30cm to infinity (Normal mode), approx. 20cm-35cm (Macro mode)
ClearImageZoom ¹⁾	Still Image 2x
Digital Zoom	Still Image 24M approx. 4x / 10M approx. 6.1x / 4.6M approx. 9.1x
	Movie Approx. 4x

Screen	
Screen Type	7.5cm (3.0 type) (4:3) / 1,229,000 dots / Xtra Fine / TFT LCD
Brightness Control	Auto / Manual (5 steps) / Sunny Weather mode

Camera	
SteadyShot	Electronic type (for movie)
Focus Type	Contrast-detection AF
Focus Mode	Single-shot AF (AF-S) / Continuous AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus (MF)

Focus Area	Multi point AF (25 points) / Center weighted AF / Flexible spot / Flexible spot (tracking focus) / Flexible spot (face tracking)
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Light Metering Mode	Multi segment / Center weighted / Spot
Exposure Compensation	+/- 3.0EV, 1/3EV step

ISO Sensitivity (still image) ²⁾	ISO 100-25600 (1/3 EV step, expandable to ISO 50/64/80) <p>Auto: ISO 100-25600, selectable with upper / lower limit Multi Frame NR: Auto (ISO 100-25600, selectable with upper / lower limit), 100-102400 (1 EV step)</p>
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ISO Sensitivity (Movie)	Auto ISO 100-3200 equivalent, ISO 100-6400 equivalent (1/3EV step)
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White Balance Mode	Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / C. Temp. / C. Filter / Custom
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Shutter Speed	Program Auto (30-1/2000) / Aperture Priority (30-1/2000) / Shutter Priority (30-1/2000) / Manual (Bulb, 30-1/2000) /
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Aperture	F2-22
Continuous Shooting Speed (maximum) ³⁾	Speed Priority Continuous mode: Approx. 5 fps, Continuous mode: Approx. 2.5 fps (AF-S)

Image Control	Creative Style, Quality (RAW / RAW & JPEG / Extra fine / Fine / Standard), Long Exposure NR (On / Off), High ISO NR (Normal / Low / off), Multi Frame NR
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Dynamic Range Functions	Off, Dynamic Range Optimizer (Auto / Level), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0-6.0 EV, 1.0 EV step)
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Self-Timer	10 sec. / 2 sec.
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Shooting Mode	Program Auto (Program shift available), Aperture Priority, Shutter Priority, Manual, MR (Memory Recall) 1 / 2 / 3, Movie, Sweep shooting, Scene Selection, Intelligent Auto
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Scene Selection	Portrait / Landscape / Sports / Sunset / Night Portrait / Night Scene / Hand-held Twilight
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Sweep Shooting	Sweep Panorama
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Creative Style	Standard / Vivid / Neutral / Clear / Deep / Light / Portrait / Landscape / Sunset / Night Scene / Autumn Leaves / Black & White / Sepia
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Picture Effect	Toy Camera, Pop Colour, Posterisation, Retro Photo, Soft High-key, Partial Colour, High Contrast Monochrome, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
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Number of Recognisable Scene	(Still Image) 33
Flash	Flash Mode Auto / Fill-flash / Slow Sync / Rear Sync / Off / Wireless
	Guide No. 6 (in meters at ISO 100)
	Flash Range ISO Auto 0.75m to 21.7m / ISO 25600 up to 43.4m

Other Shooting Functions	Smart Teleconverter (approx. 1.4x / 2x), Face Detection, Face Registration, Smile Shutter, Quick Navl, Grid Line, Digital Level Gauge (pitch and roll), Exposure Bracketing, White Balance Bracketing, DRO Bracketing, Flash Bracketing, Peaking, MF Assist, Auto Portrait Framing
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Recording	
Compatible Recording Media ⁴⁾	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro [®] , Memory Stick Micro (Mark2) [®] , SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card ⁵⁾ , microSDHC Memory Card ⁵⁾

Recording Format	Still Image: JPEG, RAW (Sony ARW 2.3 format), Movie: AVCHD Ver. 2.0, MP4
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File Format	DCF / DPOF
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Number of Recorded Pixels (Image Size)	(3:2) L: 24M (6000 x 4000) / M: 10M (3936 x 2624) / S: 4.6M (2640 x 1760) (16:9) L: 20M (6000 x 3376) / M: 8.7M (3936 x 2216) / S: 3.9M (2640 x 1488) (Sweep Panorama) Standard (3872 x 2160 / 8192 x 1856) / Wide (5536 x 2160 / 12416 x 1856)
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Movie Recording Mode	AVCHD: 28M PS (1920 x 1080, 60p / 50p), 24M FX (1920 x 1080, 60i / 50i), 17M FH (1920 x 1080, 60i / 50i), 24M FX (1920 x 1080, 24p / 25p), 17M FH (1920 x 1080, 24p / 25p) / MP4:12M (1440 x 1080, 30fps / 25fps), 3M VGA (640 x 480, 30fps / 25fps)
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Colour Space	sRGB / Adobe RGB
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Print	Exif Print, PRINT Image Matching (PIM3)
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Interface	
Input and Output Terminal	Micro USB, Hi-Speed USB (USB2.0), Micro HDMI, Microphone Jack, Multi Interface Shoe

Power	
Power Source	DC3.6V (supplied battery) / DC5.0V (supplied AC Adaptor)
Battery System	NP-BX1 (supplied)
Power Consumption (camera mode)	Approx. 2.0W
USB Charge/USB Power Supply	Yes (supplied AC Adaptor)

Battery Life	(Still Image) Approx. 220 / Approx. 110 min. (LCD brightness level: maximum) ⁶⁾ , Approx. 270 / Approx. 135 min. (LCD brightness level: standard) ⁶⁾ (Movie) Approx. 30 min. ⁷⁾ , Approx. 60 min. (Continuous movie recording) ⁷⁾
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Others	
Playback Function	Control for HDMI, Slideshow
Dimensions (W x H x D)	113.3 x 65.4 x 69.6 mm (4 1/2" x 2 5/8" x 2 3/4")
Operating Temperature	Approx. 0°C to 40°C (32F° to 104F°)
Weight	Approx. 482g (17oz.) (Battery and Memory Stick Duo included) / Approx. 453g (16oz.) (Body only)

Supplied Accessories	Rechargeable Battery Pack NP-BX1, AC Adaptor AC-UD10 / 11, Micro USB Cable, Shoulder Strap, Lens Cap, Shoe Cap, Instruction Manual
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DSC-RX1



Specifications and features are based on information available at the time of printing and are subject to change without notice.

¹⁾ Still Image Only, ²⁾ REI = Recommended Exposure Index ³⁾ You may not be able to shoot images in burst mode depending on the shooting mode. Speed slows down after taking some shots. Speed may vary depending on shooting conditions and media. ⁴⁾ For movies, compatible "Memory Stick PRO Duo (Mark2)", "Memory Stick PRO-HG Duo", "Memory Stick Micro (Mark2)", SD/SDHC/SDXC memory card or microSD/microSDHC card (Class 4 or faster speed is recommended) can be used. ⁵⁾ With Adaptor (not supplied) ⁶⁾ CIPA standard compliant. Shooting under the following conditions: The LCD screen is turned on, shooting once every 30 seconds, the flash strobes once every two times, the power turns on and off once every ten times. ⁷⁾ Shooting movies continuously with factory preset mode. The size of a movie file is limited to approx. 2GB (MP4).

Environmental Information

Halogenated flame retardants are not used in certain printed wiring boards.
Recycled paper is used for the carton.
<p>Cyber-shot is a trademark of Sony Corporation.</p> <p>Exmor, BIONZ, SteadyShot, , Memory Stick PRO Duo, Memory Stick PRO-HG Duo, are trademarks or registered trademarks of Sony Corporation.</p> <p>"Multi Interface Shoe" is a trademark of Sony Corporation.</p> <p>AVCHD and AVCHD Progressive and their respective logos are trademarks of Panasonic Corporation and Sony Corporation.</p> <p>, , and  are trademarks of SD-3C, LLC.</p> <p>HDMI, HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.</p> <p>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.</p>

Full frame. Palm size.

Sony's passion for quality and compactness culminates in a groundbreaking camera that merges a 35mm full-frame sensor and bright lens within palm-sized dimensions. Now you can shoot emotionally charged photographs of extraordinary quality wherever you go. Make your dreams come true with the DSC-RX1.

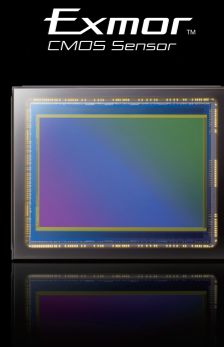
DSC - RX1

Lens hood, thumb grip and optical viewfinder shown below are sold separately.



Sony's 35mm full-frame 24.3-megapixel Exmor™ CMOS sensor* brings light and colour to life.

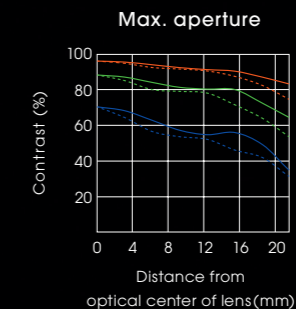
Only Sony has the proprietary image sensor development experience to create a 35mm full-frame CMOS sensor this refined. By faithfully capturing every detail at 24.3 effective megapixel resolution (approx.), it lets you casually frame scenes for later trimming or create stunning large-format prints. Every scene is faithfully captured with astonishingly rich gradation, thanks to a dynamic range 2.4x wider** than conventional full-frame sensors can provide. Noise has also been lowered to an infinitesimal level. And razor-sharp alignment of the sensor with optical components — made possible by a unified lens-body design — brings out the full potential of the lens to deliver unprecedented image quality to the very edges of your photos.



* Approximate effective resolution
** In comparison with the DSLR-A900

The bright Carl Zeiss Sonnar T* 35mm F2 lens delivers truly stunning image quality.

Carl Zeiss lens expertise meets Sony optical precision in a sophisticated Carl Zeiss Sonnar T* lens, so-named because its remarkable brightness is reminiscent of the sun ("Sonne" in German). The new optical design of this large-diameter lens includes an Advanced Aspherical (AA) lens element that helped Sony achieve a phenomenally small lens body and stunning image quality with supreme sharpness and contrast. Moreover, the inner focus system minimises lens protrusion. This is especially advantageous during macro shooting, which provides a minimum focus distance of 20cm (from the focal plane).



Spatial frequency	R	T
10 line pairs / mm	~95	~90
20 line pairs / mm	~85	~80
40 line pairs / mm	~75	~70

R: Radial values T: Tangential values

Advanced BIONZ™ image processing faithfully expresses your creative vision.

Sony's sophisticated BIONZ image processing engine optimises every detail received from the high-resolution image sensor — throughout an extremely wide dynamic range — to faithfully reproduce every feature of your scene from vivid colours to smooth skin textures and faint light rays. Even the most processor-intensive tasks are handled with amazing speed and precision, including 5 fps continuous shooting, ISO 14-bit RAW format conversion, and high-sensitivity shooting up to 102400 (which composites multiple images to reduce noise).



A Multi Interface Shoe expands your shooting possibilities.



The new Multi Interface Shoe supports wide-ranging accessories for still and movie shooting, including flash units, electronic viewfinder, optical viewfinders, thumb grips and clip-on LCD monitors.



Optional accessories



Lens Hood LHP-1 NEW



Thumb Grip TGA-1 NEW



Optical Viewfinder Kit FDA-V1K NEW



Electronic Viewfinder Kit FDA-EV1MK NEW



Jacket Case LCJ-RXB NEW



Wrist Strap STP-WS2



Shoulder Strap STP-XH70