

DSC-RX100/B



Massive 20.2MP Exmor® 1" CMOS Image Sensor

The massive 20.2MP Exmor® 1" CMOS sensor captures ultra-high definition images that take full advantage of the camera's sharp Carl Zeiss® Vario-Tessar® T* lens. The sensor enables advanced column A/D processing that reduces noise levels, resulting in astonishing low light images with incredible smooth and clear details.

Bright F1.8 Carl Zeiss Vario-Sonnar T* lens with 3.6x zoom

Newly developed large-diameter F1.8 Carl Zeiss Vario-Sonnar T* lens delivers refined background defocusing - bokeh. A premium multi-layered T* coating also dramatically reduces ghost and flare caused by light reflection.

P/A/S/M modes for video and stills

Enjoy a full range of controls for video and still shooting from the beginner's iAUTO mode to P/A/S/M: Program, Aperture Priority, Shutter Priority and Manual. On-screen prompts help you refine your skills, build your confidence and exercise greater creative control.

Capture JPEG files, RAW files, or both

The DSC-RX100 saves pictures as compact JPEG files and/or ultra-high quality RAW files. RAW files save images prior to de-mosaicing, white balance, sharpness and color enhancement. This retains maximum latitude for enhancing the image on your PC.

Full HD 1080/60p

Record crystal clear movies at the highest resolution available with capabilities for 60p in 1080. This provides stunning, fast motion video with less distortion for playback on your HD TV.2 With dual record of stills and movies, you can shoot both at the same time.

Low-light ISO 6400 sensitivity

Incredibly clear low-light pictures without sacrificing detail, made possible by the low-noise Exmor® CMOS image sensor and refined BIONZ® image processor.

High speed Auto Focus

To improve focusing speed and sensitivity, the Exmor® CMOS sensor uses its rapid throughput to deliver high-quality image signals to the camera's BIONZ® processor, which provides intelligent response data to a new high speed actuator motor in the lens. The result is fast, DSLR-like focusing speeds even in low light.

Capture the decisive moment with up to 10fps

Capture full 20.2 megapixel resolution images at up to 10 frames per second, helping to ensure that the decisive moment is captured such as the soccer ball flying into the goal. In addition, a mechanical shutter helps reduce distortion when continuously shooting moving subjects.

3" Xtra Fine LCD™ Display

The 3" (1,229k dots) Xtra Fine LCD™ Display makes it easy to scroll through menus and preview life Picture Effects. WhiteMagic™ increases visibility in bright daylight. The large display delivers brilliant-quality still images and movies while enabling easy focusing operation.

Customizable function button

Assign up to seven different functions to the function button, to allow quick access to your most frequently used functions.

Optical SteadyShot™ with Active Mode

Optical SteadyShot™ with Active Mode for blur-free movies even while walking.⁴ Camera-shake compensation using Optical SteadyShot/Active Mode has been improved with the addition of new electronic image stabilization. Now it's easier than ever to obtain sharp, blur-free movies even when zooming in unsteady situations, such as shooting with one hand while walking.

Memory recall



MR (memory recall) mode can memorize up to three groups of the user's preferred settings. Settings include zoom magnification, white balance, exposure compensation, date, and grid lines. This enables quick switching of settings at the right moment.

Sophisticated metal body

The sophisticated aluminum body is lightweight, slim, and strong.

Auto portrait framing

Specifications

Camera			AVCHD: 28M PS (1920x1080,		Single-shot AF (AF- S) / Continuous		Toy Camera, Pop Color,
Camera Type	Professional compact digital camera.	Video Mode	60p/50p) / 24M FX (1920x1080, 60i/50i) / 17M FH (1920x1080,	Focus System	AF (AF-C) / Direct Manual Focus (DMF) / Manual Focus	Diahua F#a at/a	Posterization, Retro Photo, Soft High- key, Partial Color, High Contrast
Imaging Sensor			60i/50i) MP4: 12M		Multi point AF (25	Picture Effect(s)	Monochrome, Soft Focus, HDR
Imaging Sensor	1.0" (13.2 x 8.8mm) Exmor™ CMOS sensor, aspect ratio 3:2		(1440x1080, 30/25 fps) / 3M VGA (640x480 30/25 fps)	AF Modes	points) / Center weighted AF / Flexible spot / Flexible spot (tracking focus) / Flexible sport (face		Painting, Rich-tone Monochrome, Miniature, Watercolor,
Pixel Gross	20.9MP (approx.)	Photo Capture from Movie	Yes			Daire Centers	Illustration
Effective Picture Resolution	20.2MP (approx.)	Optics/Lens		Exposure Syste	tracking)	Drive System	iAuto (4-1/2000) /
Recording		Lens Type	Carl Zeiss® Vario- Sonnar T*	Metering Modes Exposure Compensation	Multi segment / Center weighted / Spot +/- 3.0EV, 1/3EV step	Shutter Type	Program Auto (1- 1/2000) / Manual (Bulb, 30-1/2000) / Aperture Priority (8-1/2000) / Shutter Priority (30-1/2000)
Media Type	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro*7, Memory Stick Micro (Mark2)*7, SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card*7, microSDHC Memory Card*7	Aperture	F1.8-4.9				
		Optical Zoom	3.6x				
		Digital Zoom	20M approx. 14x / 10M approx. 20x / 5M approx. 28x /	Scene Mode(s)	Portrait, Anti Motion Blur, Sports Action, Pet, Gourmet, Macro, Landscape, Sunset, Night Scene, Hand-held Twillight, Night Portrait, Fireworks.	Continuous Shooting Speed	10 fps at 20.2MP
		Focal Length (35mm equivalent)	VGA approx. 54x Still 16:9 29- 105mm / Still 4:3 30-108mm / Still 3:2 28-100mm / Still 1:1 36-127mm / Movie 16:9 29-105mm (Std), 33-120mm (Active) / Movie 4:3 36-128			Self-timer	10sec. / 2sec. / Self portrait / Self timer Cont.
						Flash	
						Flash Modes	Auto/Fill-flash/Slow Sync/Rear Sync/ Off
				D-Range Optimizer	Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Auto exposure difference, Exposure difference level (1.0-6.0EV, 1.0-EV step)	Flash Coverage	ISO Auto 0.30m to 17.1m (W)/0.55m to 6.3m (T) (Approx.1' 3/4"" to Approx.56' 1 3/4"")
Still Image Mode	JPEG, RAW (Sony ARW 2.3 format)		mm (Std), 41- 146mm (Active) 7 elements in 6 groups (including AA lens) Iris diaphragm (7 blades)				
Still Image Size 16:9	L: 17M (5472x3080); M: 7.5M (3648 x 2056); S:4.2M (2720 x 1528)	Lens Construction					(W) ISO 6400 up to 24.2m (W)/8.9m (T)
		Aperture Blade				Convenience I	
Still Image Size 3:2	L: 20M (5472 x 3648; M: 10M (3888 x 2592); S: 5.0M (2736 x 1824)	Clear Image Zoom	7.2x	ISO	Auto ISO125- 6400 select w/ upper/lower limit,	Still Image	Control for HDMI,
		200111	AF approx. 5cm			Playback Options Still Image	Slideshow Control for HDMI,
Still Image Size 4:3	L: 18M (4864 x 3648); M: 10M (3648 x 2736); S: 5.0M (2592 x 1944); VGA	Focal Distance	to infinity (W), approx. 55cm to infinity (1)	Creative Style	Standard, Vivid, Portrait, Landscape, Sunset, Black & White	Playback Options	Slideshow
						Advanced Fed	atures
		Steady Shot Mode:Active	(Still image) Optical (Movie) Active Mode, Optical type with electronic compensation (Anti-rolling)			Sweep Panorama	Sweep Panorama
Panorama Still Image Size	(3:2) L: 20M (5472x3648)/M: 10M (3888x2592)/S: 5.0M (2736x1824)			White Balance Mode	Auto/Daylight/ Shade/Cloudy/ Incandescent/ Fluor (Warm White)/Fluor (Cool White)/Fluor (Day White)/Fluor	Face Detection	8 Faces (Auto / Off / Child Priority / Adult Priority / Face Registration)
Video Format	AVCHD Ver2.0,						Optical SteadyShot™
vaco i dinidi	MP4	LCD Type	3.0" (7.5cm) (4:3) / 1,229k dots / Xtra Fine / TruBlack /		(Daylight)/Flash/C. Temp., Filter/ Custom	Image Stabilization	with Active Mode Image Stabilization ⁴
			TFT LCD			Intelligent Auto	Yes
		Brightness Control	Auto / Manual (5 steps) / Sunny Weather mode			Background Defocus	Yes
		Focus Control				Superior Auto	Yes
						Photo Creativity	Yes



Interface MS Duo and SD/ SDHC/SDXC Compatible Memory Card Slot HD Output Micro HDMI

Micro USB, Hi-Speed USB (USB2.0) USB Port(s) Dimensions (Approx.)

Approx. 4" x 2 3/8" x 1 7/16" (101.6 x 58.1 x 35.9mm) (W/H/D) Dimensions (Approx.)

Weights and Measurements

Approx. 8.5oz (240g) (Battery and Memory Stick Duo included)/ Approx. 7.5 oz (213g)(Body only) Weight (Approx.)

Power

Records in 29 minute segments
 Requires HDTV and HDMI cable sold separately
 Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold separately.

4. Combined with electronic stabilization

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