

# Sony Rx10 Manual

Panasonic Lumix DMC-FZ1000

*of the image sensor. Along with its main competitor, the 2013 Sony Cyber-shot DSC-RX10, it is part of a new class of superzoom cameras that use larger*

The Panasonic Lumix DMC-FZ1000 is a digital superzoom bridge camera by Panasonic. It went on sale in June 2014. It has a 20 megapixel 3:2 BSI-CMOS sensor and Leica-branded 25–400 mm equivalent focal length lens with a maximum aperture of f/2.8 to f/4 (f/4 at about 170 mm and higher). It has a 1-inch CMOS sensor and supports ISO film speeds from 80 to 25600, shutter speeds from 1/16000 s (electronic shutter) to 60 s and RAW capture, while the lowest physical shutter speed is 1/4000 s. The unit is equipped with five "Fn" function buttons which can be allocated to custom shortcuts.

Sony Cyber-shot DSC-R1

*autofocus. Sony RX1 Sony RX10 Sony RX100 List of large sensor fixed-lens cameras &quot;Sony Cyber-shot DSC-R1 announced&quot; by ePHOTOzine Späth, Frank (2005). Sony Cyber-shot*

The Sony Cyber-shot DSC-R1 is a bridge digital camera announced by Sony in 2005. It featured a 10.3 megapixel APS-C CMOS sensor (21.5 × 14.4 mm), a size typically used in DSLRs and rarely used in bridge cameras (which were using at that time 2/3" (= 6.6 × 8.8 mm) or 1/1.8" (= 5.3 × 7.1 mm)). This was the first time such a large sensor was incorporated into a bridge camera. Besides the APS-C sensor, the DSC-R1 also featured a 14.3–71.5 mm Carl Zeiss Vario-Sonnar T\* lens, providing for an angle of view equivalent to 24–120 mm on a full frame camera.

DSC is an abbreviation for Digital Still Camera

Bridge camera

*release of the Sony RX10. In 2014, Panasonic followed this with the FZ1000, which has a larger zoom range, up to 400mm equivalent (Sony's RX10 goes to 200mm*

A bridge camera is a type of camera that fills the niche between relatively simple point-and-shoot cameras and interchangeable-lens cameras such as mirrorless cameras and single-lens reflex cameras (SLRs). They are often comparable in size and weight to the smallest digital SLRs (DSLR), but lack interchangeable lenses, and almost all digital bridge cameras lack an optical viewfinder system. The phrase "bridge camera" has been in use at least since the 1980s, and continues to be used with digital cameras. The term was originally used to refer to film cameras which "bridged the gap" between point-and-shoot cameras and SLRs.

The FZ2500 offers several improvements over its predecessor, including a touch screen, headphone jack, Cinema 4K (24 fps only), a longer zoom, internal ND filters, unlimited 4K Recording, 4K image stabilization, a side loaded SD Card slot, and a Pull Focus function. Regarding its lens, compared to that of the FZ1000 it has 9 blades instead of 7, as well as an additional element.

Panasonic Lumix DMC-FZ2500

*It was released in March, 2019 also. Its main competing model is the Sony RX10 III. The FZ2500 offers several improvements over its predecessor, including*

The Panasonic Lumix DMC-FZ2500 (also known as the Panasonic Lumix DMC-FZ2000) is a 1" sensor DSLR-styled digital bridge camera released by Panasonic on November 28, 2016. It succeeded the Panasonic Lumix DMC-FZ1000, however the FZ1000 II was released in March, 2019 also. Its main competing model is the Sony RX10 III.

Almost all bridge cameras include an electronic viewfinder (EVF) centered above the lens, with the exception of the Canon G3 X (that offered it as an optional accessory) and some low-end models, such as the Nikon B600.

It has the longest focal length zoom range of any Powershot G-Series, from 24-600mm (35mm equivalent) with a maximum aperture of f/2.8 at widest, decreasing to f/5.6 at 600mm. In terms of overall specification it is the most capable of the current-production G-series cameras but this comes at the expense of overall size and weight - it is also the largest and heaviest of the series.

In their review of the FZ2500...

It shares the same 1.0-type ("1-inch") sensor found in the Canon G7 X as well as both the Sony RX100 III and Sony RX10 cameras.

Typically this style is achieved when each film frame is captured at a rate much faster than it will be played back. When replayed at normal speed, time appears to be moving more slowly. A term for creating slow motion film is overcranking which refers to hand cranking an early camera at a faster rate than normal (i.e. faster than 24 frames per second). Slow motion can also be achieved by playing...

Sony Cyber-shot DSC-RX1

*The Sony Cyber-shot DSC-RX1 is a series of premium fixed-lens full-frame digital compact cameras made by Sony as part of its Cyber-shot line. The DSC-RX1*

The Sony Cyber-shot DSC-RX1 is a series of premium fixed-lens full-frame digital compact cameras made by Sony as part of its Cyber-shot line.

Sony Cyber-shot DSC-RX100 series

*2014. "Sony DSC-RX100 III First Impression Review". Retrieved 11 June 2014. "Sony's Press Release text for the unveiling of RX100 mark IV and RX10 mark*

The Sony Cyber-shot DSC-RX100 series is a high-end compact camera part of the wider Sony RX series. It started with the DSC-RX100, announced on 6 June 2012, and is part of the Cyber-shot RX line of digital cameras made by Sony. Seven annual generations have been released so far until 2019, all equipped with a one-inch 20-Megapixel image sensor and rotary knob around the lens. Filming at up to 1080p (Full HD) at 60fps is supported by the first three generations, the third additionally with 720p at 120fps, and up to 2160p (4K) at 30fps and 1080p at 120fps high frame rate video since the fourth.

It is considered the world's first bridge camera that can record in 4K (2160p) video resolution, compared to other compact cameras as of 2014 filming at full HD (1080p) resolution. What sets it apart the most is the...

Like other cameras, most current bridge cameras are digital. These cameras typically feature full manual controls over shutter speed, aperture, ISO sensitivity, color balance...

However, its first release was \$400 more expensive than that of the FZ1000.

The DSC-RX1 was announced in September 2012. The DSC-RX1R, released in 2013, is a variant of the Sony DSC-RX1 without anti-aliasing filter in front of the image sensor. In 2015, both models were succeeded by the DSC-RX1R II.

Notes:

Slow motion

*audio track, like usual videos. This method is used by all GoPro cameras, Sony RX10/RX100 series cameras (except in the time-limited "super-slow-motion"; High*

Slow motion (commonly abbreviated as slow-mo or slo-mo) is an effect in film-making whereby time appears to be slowed down. It was invented by the Austrian priest August Musger in the early 20th century. This can be accomplished through the use of high-speed cameras and then playing the footage produced by such cameras at a normal rate like 30 fps, or in post production through the use of software.

List of bridge cameras

*"Nikon Coolpix B600 Overview". "Fujifilm X-S1 Review". "Sony RX10 IV*

*Adorama". "Sony RX10 III - Adorama". "Canon Support for PowerShot G3 X". "Panasonic - This is a list of bridge cameras, which are loosely defined as fixed-lens digital cameras with DSLR-style bodies and superzoom lenses. Their larger bodies and lenses differentiate them from smaller superzoom compact cameras, also known as travel zoom cameras.*

List of Sony Cyber-shot cameras

*Photography Review R Butler. "Sony Cyber-shot DSC RX10 First Impressions Review". Retrieved January 19, 2014. "Sony Cyber-shot DSC-RX10 II". DPReview. Retrieved*

The following is a list of Sony digital cameras made under the Cyber-shot brand name.

All current models include a power zoom lens that retracts when not in use and is controlled by a lever on the body like on a point-and-shoot, but a few past models such as the Fujifilm X-S1 and S9000 included a manual zoom lens controlled by a ring on the lens barrel.

Canon PowerShot G3 X

*alongside competitors such as the Panasonic Lumix DMC-FZ1000, Sony Cyber-shot RX10 and RX10 II. It has the longest focal length zoom range of any Powershot*

The Canon PowerShot G3 X is a large sensor digital bridge camera announced by Canon on June 18, 2015. It marks Canon's entry into this product category, alongside competitors such as the Panasonic Lumix DMC-FZ1000, Sony Cyber-shot RX10 and RX10 II.

Models with a "V"-suffix include built-in GPS functionality

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