

**RICOH**  
imagine. change.



RICOH THETA Z1  
RICOH THETA V  
RICOH THETA SC

 **THETA**



360° experience.  
Photo opportunities come from every directions.

Editing images shot with a RICOH THETA Z1 in Adobe Photoshop Lightroom Classic CC, etc.

Enjoy complete freedom of viewing and editing with RICOH THETA, which can capture a full 360° image in a single shot. RICOH THETA changes both imaging expressions and experiences.



Shoot

Capture the scenery around you with the press of a single button



View

Use an application to view 360-degree images



Edit

Play with various edit functions and enjoy the changes



Share

Post images to social media from the app and share with the world

Simple but authentic. RICOH THETA delivers amazing high performance in an easy to use design.

Capture high-quality still images with a single shot.



Authentic editing such as RAW development and filters is possible.



Record 4K video for completely realistic reproduction of "the space".



Supported real-time 4K live streaming.



Slim and compact body thanks to original optical technologies.



A 360° VR experience as if you were actually in the scene is possible.



Z1 RICOH THETA Z1 V RICOH THETA V SC RICOH THETA SC

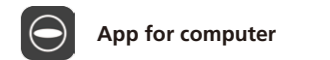
App



Remotely shoot spherical images, adjust shooting settings, view and share images. This is the basic app for smartphone and tablet.



A specialized smartphone app for editing 360° still images and videos taken with the RICOH THETA.



This computer app lets you convert, view, and share recorded spherical images.

Official website

Visit the RICOH THETA official website for more information on 360-degree sample photos

Find the latest product and app information and a gallery of sample images that you can move and explore.

<https://theta360.com>



RICOH THETA  
Official SNS Pages

We are showing recommended information such as introduction of example images, latest news, event, etc.



# RICOH THETA Products



Black

**RICOH THETA Z1**  
Accessories: USB cable and case



Metallic gray

**RICOH THETA V**  
Accessories: USB cable and case



Beige

White

Blue

Pink

**RICOH THETA SC**  
Accessories: USB cable and case

Specifications		
Lens F number	F2.1, 3.5, 5.6	F2.0
Object distance	Approx. 40cm - ∞ (from front of lens)	Approx. 10cm - ∞ (from front of lens)
Image Sensor Size	1 inch (x2)	1/2.3 inch (x2)
Image Sensor Effective Pixels	Approx. 20M (x2)	Approx. 12M (x2)
File Size Still Images	RAW: 7296 x 3648 JPEG: 6720 x 3360	5376x2688
File Size Videos	4K: 3840x1920/29.97fps/56Mbps	4K: 3840x1920/29.97fps/56Mbps
	2K: 1920x960/29.97fps/16Mbps	2K: 1920x960/29.97fps/16Mbps
File format	Still image: RAW (DNG) *, JPEG (Exif Ver. 2.3)	Still image: JPEG (Exif Ver. 2.3)
	Video:MP4(Video: MPEG-4 AVC/H.264, Audio: AAC-LC(monaural)+Linear PCM (4ch Spatial audio)) Live Streaming : Video:MPEG-4 AVC/H.264, Audio: Linear PCM (4ch)	Video:MP4(Video: MPEG-4 AVC/H.264, Audio: AAC-LC(monaural)+Linear PCM (4ch Spatial audio)) Live Streaming :Video: MPEG-4 AVC/H.264, Audio: AAC-LC(monaural)
Recording medium	Internal memory: Approx. 19GB	Internal memory: Approx. 19GB
Number of photos that can be recorded, time*1	Still image: RAW+ Approx. 350 photos, JPEG Approx. 2400 photos	Still image: Approx. 4800 photos
	Video (time per recording): Max. 5 minutes/Max. 25 minutes*3*4 Video (total recording time): (4K) Approx. 40 minutes, (2K) Approx. 130 minutes	Video (time per recording): Max. 5 minutes /Max. 25 minutes*3*4 Video (total recording time): (4K,H.264)Approx. 40 minutes (2K,H.264)Approx. 130 minutes
Shutter speed	Still image: (AUTO) 1/25000 sec. to 1/8 sec. (Shutter Priority) 1/25000 sec. to 1/8 sec.*3 (Manual) 1/25000 sec. to 60 sec.*3	Still image: (AUTO)1/25000 sec. to 1/8 sec. (Shutter Priority) 1/25000 sec. to 1/8 sec.*3 (Manual) 1/25000 sec. to 60 sec.*3
	Video: (AUTO)1/25000 sec. to 1/30 sec. (Shutter Priority, Manual) 1/25000 sec. to 1/30 sec.*3 Live Streaming : (AUTO)1/25000 sec. to 1/30 sec.	Video: 1/25000 sec. to 1/30 sec. Live Streaming: 1/25000 sec. to 1/30 sec.
ISO sensitivity (standard output sensitivity)	Still image, Video:AUTO (ISO80 to 6400, The Upper Limit settings), Manual (ISO80 to 6400)*3 Live Streaming :AUTO (ISO80 to 6400)	Still image: (AUTO) ISO 64 to 1600, (ISO Priority) ISO 64 to 3200*3 (Manual) ISO 64 to 3200*3 Video: ISO 64 to 6400 Live Streaming: ISO 64 to 6400
Exposure compensation	Still image, Video: -2.0 to +2.0EV, 1/3EV step*3	Still image: -2.0 - +2.0EV, 1/3EV step*3
White balance mode	Still image, Video: Auto,outdoor,shade, cloudy, incandescent lamp 1, incandescent lamp 2, daylight color fluorescent lamp, natural white fluorescent lamp, white fluorescent lamp, light bulb color fluorescent lamp,Color temperature(2500K - 10000K)*3 Live Streaming : Auto	Still image: Auto, Outdoor, Shade, Cloudy, Incandescent light 1, Incandescent light 2, Daylight color fluorescent light, Natural white fluorescent light, White fluorescent light, Light bulb color fluorescent light, Color Temperature (2500 K to 10000K)*3 Video: Auto Live streaming: Auto
Shooting mode	Still image, Video: Auto, Aperture priority, Shutter priority, ISO priority, Manual*3 Live Streaming : Auto	Still image: Auto, shutter priority, ISO priority,Manual*3 Video: Auto Live Streaming: Auto
Shooting Functions	Still image: Noise reduction, DR compensation, HDR Rendering, Interval shooting, Interval Composite shooting, Multi bracket shooting, Self-timer (2, 5, 10sec.), MY Settings Video: Self-timer (2, 5, 10sec.), MY Settings	Noise reduction, DR compensation, HDR Rendering, Interval shooting, Self-timer, Multi bracket
OLED Panel	0.92 inch Organic light emitting display Panel , 128 x 36 dots, Automatic brightness adjustment function	-
External interface	USB Type-C, USB3.0	microUSB: USB2.0, microphone terminal
Power source	Lithium ion battery (built in)*5	Lithium ion battery (built in)*5
Battery life	Still image:Approx. 300 photos*6 Video:Approx. 60 minutes*6	Still image: Approx. 300 photos*6 Video: Approx. 80 minutes*6
Exterior/external dimensions	48mm (W) x 132.5mm (H) x 29.7mm (24mm *7) (D)	45.2mm (W) x 130.6mm (H) x 22.9mm (17.9 mm*7) (D)
Weight	Approx. 182g	Approx. 121g
Usage temperature range	0°C - 40°C	0°C - 40°C

\*1: The number of photos and time are guides only. The actual number differs according to the photography conditions. \*2: Only RAW and JPEG can be recorded simultaneously. \*3: A smartphone is required to change modes or configure manual settings. \*4: Automatic shut down if the internal temperature increases. \*5: Charge the battery by connecting it to a PC using the supplied USB cable. \*6: The number of photos that can be taken is a guide based on RICOH's measurement method. The actual number differs according to usage conditions. \*7: Excluding lens section. \*8: You need to update to the latest firmware.


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**Caution** | In order to use this product safely and correctly, please carefully read the manual before use.


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# Accessories (Sold Separately)




V SC  
**Lens Cap TL-1**




Z1  
**Semi-hard Case TS-2**




Z1  
**Lens Cap TL-2**




Z1 V SC  
**Attachment for Strap AT-1**  
•Silver •Grey •Green  
•Blue •Orange




V SC  
**Soft Case TS-1**  
•White •Black




V SC  
**Hard Case TH-2**



Z1 V SC  
**Extension Adapter TE-1**



V  
**3D Microphone TA-1**  
Wind screen included



V SC  
**Underwater Housing TW-1**