

RICOH
imagine. change.



RICOH THETA Z1
RICOH THETA V
RICOH THETA SC2





360° experience.
Photo opportunities come from every directions.

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

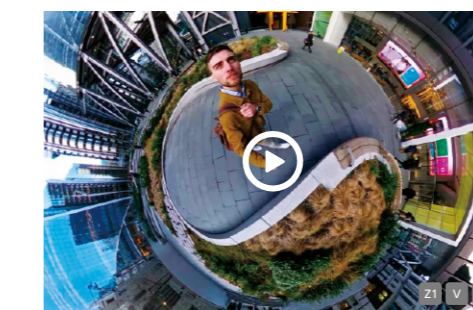
Capture high-quality still images with a single shot.



Authentic editing such as RAW development and filters is possible.



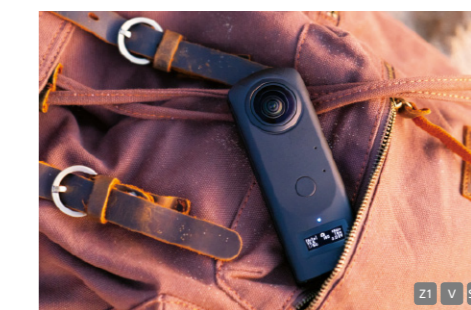
Record 4K video for completely realistic reproduction of "the space".



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 SC2 RICOH THETA SC2

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>



THETA Lab.

We feature topics such as camera shooting techniques and tips to help you enjoy THETA
<https://www.thetalab.ricoh/en/>



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



Pink

Blue

Beige

White

RICOH THETA SC2
Accessories: USB cable and case

Specifications		
Lens F number	F2.1, 3.5, 5.6	F2.0
Object distance	Approx. 40 cm - ∞ (from front of lens)	Approx. 10 cm - ∞ (from front of lens)
Image Sensor Size	1.0-inch type (x2)	1/2.3 inch type (x2)
Image Sensor Effective Pixels	Approx. 20 M (x2)	Approx. 12 M (x2)
File Size Still Images	RAW: 7296×3648 JPEG: 6720×3360	5376×2688
File Size Videos	4K: 3840×1920/29.97 fps/56 Mbps*9 2K: 1920×960/29.97 fps/16 Mbps	4K: 3840×1920/29.97 fps/56 Mbps*9 2K: 1920×960/29.97 fps/16 Mbps
File format	Still image: RAW (DNG)*2, 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: H.264, Audio: Linear PCM (4ch)	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: 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 Video (time per recording): Max. 5minutes/Max. 25 minutes**3*4 Video (total recording time): (4K) Approx. 40 minutes, (2K) Approx. 130 minutes	Still image: Approx. 4800 photos 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 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.	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: 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, (ISO Priority, Manual) ISO80 to 6400*3 Live Streaming: (AUTO) ISO80 to 6400	Still image: (AUTO) ISO 64 to 1600, (ISO Priority, Manual) ISO 64 to 3200*3 Video: ISO 64 to 6400*3 Live Streaming: ISO 64 to 6400
Exposure compensation	Still image, Video: -2.0 to +2.0EV, 1/3EV step*3	Still image, Video: -2.0 to +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 (2500 K-10000 K)*3 Live Streaming: Auto	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 (2500 K-10000 K)*3 Live Streaming: Auto
Shooting mode	Still image, Video: Auto, Aperture priority, Shutter priority, ISO priority, Manual*3 Live Streaming : Auto	Still image, Video: Auto, Shutter priority, ISO priority, Manual*3 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, 10 sec.), MY Settings Video: Self-timer (2, 5, 10 sec.), MY Settings	Still image: Noise reduction, DR compensation, HDR Rendering, Interval shooting, Multi bracket shooting, Self-timer (2,5,10 sec.), My Settings Video: Self-timer (2,5,10 sec.), My Settings
OLED Panel	0.93 inch Organic light emitting display Panel, 128x36 dots, Automatic brightness adjustment function	-
Wireless Communications Standard	IEEE802.11 a/b/g/n/ac (2.4 GHz/5 GHz)*5, IEEE802.11 b/g/n (2.4 GHz Only), Bluetooth 4.2	IEEE802.11 a/b/g/n/ac (2.4 GHz/5 GHz)*5, IEEE802.11 b/g/n (2.4 GHz Only), Bluetooth 4.2
External interface	USB Type-C, USB3.0	microUSB: USB2.0, microphone terminal
Power source	Lithium ion battery (built in)*6	Lithium ion battery (built in)*6
Battery life	Still image: Approx. 300 photos*7 Video: Approx. 60 minutes*7	Still image: Approx. 300 photos*7 Video: Approx. 80 minutes*7
Exterior/external dimensions	48 mm (W) x 132.5 mm (H) x 29.7 mm (24 mm*8) (D)	45.2 mm (W) x 130.6 mm (H) x 22.9 mm (17.9 mm*8) (D)
Weight	Approx. 182 g	Approx. 121 g
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 when shooting continuously, etc. *5: That differs depending on the region. *6: Charge the battery by connecting it to a PC using the supplied USB cable. *7: The number of photos and time that can be taken are guides based on RICOH's measurement method. The actual number differs according to usage conditions. *8: Excluding lens section. *9: 4K video transfer is not possible on the iOS devices that cannot handle 4K video. Please check the FAQ on the official website.

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

*Images taken with RICOH THETA that are for any purpose other than personal enjoyment cannot be used without permission according to the rights as specified in the Copyright Act. Please take care, as limitations may be placed on taking pictures even for personal enjoyment in cases such as demonstrations, performance and exhibitions. Images taken with the purpose of obtaining copyrights also cannot be used outside the scope of use of the copyrights as stipulated in the copyright Act. •This device is a class B information technology device based on the standards of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). This device was made for the purpose of use in a household environment, but reception interference can occur if it is used in close proximity to a radio or television. Please use the device correctly in accordance with the manual. •The colors of the actual product may differ slightly from those in the catalog for printing reasons. •Please check the product number when you purchase this product. •Specifications, price, designs and particulars are subject to change without notice. •All of the recorded catalog data is covered by copyrights. Consequently, neither all nor part of the data may be copied or transmitted without permission. It is only for the purpose of personal viewing. Please refrain from using it for any other purpose.

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Accessories (Sold Separately)



Z1 V SC2

RICOH THETA Stick TM-2



Z1 V SC2

RICOH THETA Stick TM-3



V SC2

Lens Cap TL-1



Z1

Lens Cap TL-2



Z1 V SC2

Attachment for Strap AT-1

•Silver •Grey •Green
•Blue •Orange



Z1

Semi-hard Case TS-2



V SC2

Hard Case TH-2



Z1 V SC2

Extension Adapter TE-1



V

3D Microphone TA-1

Wind screen included



V SC2

Underwater Housing TW-1