

RICOH
imagine. change.

RICOH THETA V
RICOH THETA SC

360° experience.



 **THETA**

360° experience.

360-degree spherical imaging experience becomes more innovative yet familiar. Realistically captures everything and brings you in the 360-degree world. RICOH THETA, a 360-degree camera.



* Actual size

Shoot

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



Simply press the shutter button once to record full 360-degree still images or videos of the scenery around, above and below. With remote shooting support from a smartphone, this model covers a variety of shooting styles.



View

Use an application to view 360-degree images



You can freely view recorded still images and videos, moving up, down, left, and right on an app. With a VR viewer you can also enjoy an authentic VR (Virtual Reality) experience.



Edit

Play with various edit functions and enjoy the changes



The dedicated app can be used to edit still images and videos. With this app you can display a Little Planet that represents the small earth, extract images, add background music, and create 360-degree time lapse videos.



Share

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



Compatible with iOS and Android™, the app can be used on almost any smartphone. Excellent compatibility with the most popular social media services means you can easily share still images, videos, and amazing VR experiences with friends around the world.



Metallic grey

RICOH THETA V **NEW**

360° makes it real.

High-end model for realistically experiencing all types of atmosphere.



Beige

Blue
Pink
White

RICOH THETA SC

360° for everyone.

Standard model for casual high-performance shooting.

High performance and simplicity

High-resolution

Capture 360-degree atmosphere in high-definition, realistic quality

- High-precision stitching technology creates natural 360-degree images
- High-quality 360-degree still images equivalent to 14M
- Main processor: Qualcomm® Snapdragon™



V Only available on RICOH THETA V

4K Video

Record ultra realistic images for a you-are-there feeling

- Record high-resolution 360-degree video at 30 frames per second which is equivalent to 4K **V**
- 4K live streaming enables high-quality, real time video output **V**
- High-speed readout image sensor **V**
- Create 4K time lapse movies



360° Spatial Audio

Capture immersive VR with linked video and audio

- Record 360-degree spatial audio with the 4-channel microphone. Playback on a VR viewer and headphones links video and audio to the movement of your head **V**
- High-performance 4-channel microphone included on the main unit **V**
- Record high-quality audio with the dedicated 3D Microphone TA-1 (optional) **V**



Superb functions

New functions are added while maintaining unique high performance

- World's first* "Remote Playback***" to enjoy 360-degree images on a TV **V**
- Expanded camera functions via plug-ins **V**
- High-sensitivity ISO 3200 setting (still images) **V**
- Shutter speed of up to 1/25000 seconds **V**



* As a consumer-oriented 360-degree camera (According to Ricoh research)
** A wireless display adapter is additionally required. Refer to our website for compatible products

Intuitive controls

More 360-degree freedom for simplicity and convenience

- Slim, compact design thanks to folded optics
- In addition to wireless LAN, Bluetooth® is now included for constant connection to your smartphone **V**
- High-speed data transfer of still images and videos **V**
- Wireless LAN client mode* **V**

* Compatibility planned with firmware update

App



RICOH THETA S

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



THETA+

This is a special app for editing 360-degree still images shot on the RICOH THETA.



THETA+ Video

This is a special app for editing 360-degree videos shot on the RICOH THETA.

App for computer

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



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

Get more enjoyment out of your THETA, by learning about the latest product and application information, browsing sample galleries where you can move images, as well as post and share 360-degree spherical images.

<https://theta360.com>



RICOH THETA Products

RICOH THETA V

Accessories: USB cable and case

RICOH THETA SC

Accessories: USB cable and case

•Beige •White •Pink •Blue

RICOH THETA Official SNS Pages

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



Unlimited storage with the Keenai online photo management service



Automatically organize, synchronize, and back up the photos and videos in your camera at their original image quality at Keenai site. 360-degree images are also supported. A Keenai account is required.

(The first month is free of charge on a trial basis.)

<https://www.keenai.com/>

Accessories (Sold Separately)



- Attachment for strap AT-1
- Silver •Grey •Green
- Blue •Orange



- Soft case TS-1
- White •Black



- Cable switch CA-3



- Hard case TH-2



- Extension adapter TE-1



- 3D Microphone TA-1



- Underwater Housing TW-1

Specifications

Model	RICOH THETA V	RICOH THETA SC
Object distance	Approx. 10cm - ∞ (from front of lens)	Approx. 10cm - ∞ (from front of lens)
Shooting mode	Still image: Auto, shutter priority, ISO priority, Manual*1 Video: Auto Live Streaming: Auto	Still image: Auto, shutter priority, ISO priority, Manual*1 Video: Auto
Exposure control mode	Program AE, ISO Priority AE, Shutter Priority AE, Manual Exposure	Program AE, ISO Priority AE, Shutter Priority AE, Manual Exposure
Exposure compensation	Still image: Manual compensation (-2.0 - +2.0EV, 1/3EV step)*1	Still image: Manual compensation (-2.0 - +2.0EV, 1/3EV step)*1
ISO sensitivity (standard output sensitivity)	Still image: (AUTO) ISO 64 to 1600, (ISO Priority) ISO 64 to 3200*1 (Manual) ISO 64 to 3200*1 Video: ISO 64 to 6400 Live Streaming: ISO 64 to 6400	Still image: ISO 100 to 1600 Video: ISO 100 to 1600
White balance mode	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)*1 Video: Auto 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*1 Video: Auto
Shutter speed	Still image: (AUTO)1/25000 sec. to 1/8 sec. (Shutter Priority) 1/25000 sec. to 1/8 sec.*1 (Manual): 1/25000 sec. to 60 sec.*1 Video: 1/25000 sec. to 1/30 sec. Live Streaming: 1/25000 sec. to 1/30 sec.	Still image: 1/8000 sec. to 1/8 sec. Still image (Manual): 1/8000 sec. to 60 sec. Video: (L)1/8000 sec. to 1/30 sec. (M)1/8000 sec. to 1/15 sec.
Shooting functions	Noise reduction, DR compensation, HDR Rendering, Interval shooting, Self-timer, Multi bracket	Noise reduction, DR correction, HDR rendering, Interval shooting, Shooting with self-timer
Recording medium	Internal memory: Approx. 19GB	Internal memory: Approx. 8GB
Number of photos that can be recorded, time*2	Still image: Approx. 4800 photos Video (time per recording): Max. 5 minutes /Max. 25 minutes*1 *6 Video (total recording time): (4K,H.264) Approx. 40 minutes (2K,H.264) Approx. 130 minutes	Still image: (L)Approx. 1600, (M)Approx. 900 Video (time per recording): Max. 5 minutes*6 Video (total recording time): (L)Approx. 63 minutes, (M)Approx. 171 minutes*6
Power source	Lithium ion battery (built in)*3	Lithium ion battery (built in)*3
Battery life	Still image: Approx. 300 photos*4 Video: Approx. 80 minutes*4	Approx. 260 photos*4
Image file format	Still image: JPEG (Exif Ver. 2.3) Video: MP4 (Video: MPEG-4 AVC/H.264, H265*7) (Audio: AAC-LC(monaural)+Linear PCM(4ch Spacial audio)) Live Streaming: (Video: MPEG-4 AVC/H.264, Audio: AAC-LC(monaural))	Still image: JPEG (Exif Ver. 2.3), DCF2.0 compliant Video: MP4 (Video: MPEG-4 AVC/H.264, Audio: AAC)
External interface	microUSB: USB2.0, microphone terminal	microUSB: USB2.0
Remote shutter	CA-3 (Option)	CA-3 (Option)
Exterior/external dimensions	45.2mm (W) x 130.6mm (H) x 22.9mm (17.9 mm*5) (D)	45.2mm (W) x 130.6mm (H) x 22.9mm (17.9 mm*5) (D)
Weight	Approx. 121g	Approx. 102g
Usage temperature range	0°C - 40°C	0°C - 40°C
Usage humidity range	90% or less	90% or less
Storage temperature range	-20°C - 60°C	-20°C - 60°C

*1: A smartphone is required to change modes or configure manual settings. *2: The number of photos and time are guides only. The actual number differs according to the photography conditions.
*3: Charge the battery by connecting it to a PC using the supplied USB cable. *4: 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. *5: Excluding lens section. *6: Automatic shut down if the internal temperature increases. *7: Dedicated application supports H.264 only. H.265 is adopted for future application based on API disclosure.

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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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