RICOH
imagine. change.

RICOH THETA V

Colour	Art. Nr.	EAN
RICOH THETA V GREY METALLIC	910725	0026649107252

ADVANTAGES

- Spherical 360° photos and videos in one single shot
- 1/2.3 CMOS sensor (x2), 14MP
- 4K Video
- F2.0 bright lens
- Preview/Streaming
- 19GB internal storage
- High speed Wi-Fi transfer/Bluetooth
- Easy viewing of images and videos by swiping and pinching in the app on your smartphone
- Sharing on social networks, dedicated websites or Google Maps and Google +TM via your smartphone
- Special editing app for editing shot spherical images (THETA / THETA+/ THETA+ Video)
- Possibility to create original RICOH THETA apps via API/SDK

INCLUDED ACCESSORIES

USB cable (Please use this cable to charge the camera)
RICOH THETA Softcase
Quick start guide

OPTIONAL ACCESSORIES

3D microphone TA-1 - 910754

Underwater body TW-1 - 910753

RICOH THETA Tripod TM-1 - 910751
Tripod extension adapter TE-1 - 910710
IR remote trigger CA-3 - 30004

STRAP ADAPTER SILVER FOR RICOH THETA - 910711
STRAP ADAPTER GREY FOR RICOH THETA - 910712
STRAP ADAPTER GREEN FOR RICOH THETA - 910713
STRAP ADAPTER BLUE FOR RICOH THETA - 910714
STRAP ADAPTER ORANGE FOR RICOH THETA - 910715

HARDCASE TH-2 - 910752
Hard case to protect RICOH THETA against water droplets and dust.
(Please note, this case is not waterproof).

SOFT CASE TS-1 WHITE - 910718
SOFT CASE TS-1 BLACK - 910719
Keep your RICOH THETA safe. This will give the lens extra protection in a sleek and stylish case. Available in both black and white.

Type	Spherical camera
Image sensor total pixels	2x 12 megapixels
Image sensor effective pixels	Approx. 14 megapixels
Image sensor size	1/2.3 (x2)
File size	Still image: 5376x2688 Video: 4K, H264: 3840x1920/29.97fps/56Mbps 　　　　2K, H264: 1920x960/29.97fps/16Mbps Live streaming (USB): 4K, H264: 3840x1920/29.97fps/120Mbps 　　　　　　　　　　2K, H264: 1920x960/29.97fps/42Mbps
Lens construction	7 elements in 6 groups
Aperture	F2.0
ISO sensitivity (standard output sensitivity)	Still image: ISO 64 to 1600 (AUTO) 　　　　　　ISO 64 to 3200 *0 (Manual and ISO Priority) Video and Live Streaming: ISO 64 to 6400
Object distance	Approx. 10cm - ∞ (from front of lens)
Shooting mode	Still image: Auto, manual, Live streaming Auto, shutter priority, ISO priority *5, Video and Live Streaming: Auto
Exposure control mode	Auto
Exposure compensation	Still image: Manual compensation (-2.0 - +2.0EV, 1/3EV step) *5
White balance mode	Still image: 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) *0 Video and Live Streaming: Auto
Shutter speed	Still image: (AUTO) 1/25000 sec. to 1/8 sec. 　　　　　(Shutter Priority) 1/25000 sec. to 1/8 sec. *0 　　　　　(Manual) 1/25000 sec. to 60 sec.*0 Video and Live Streaming: 1/25000 sec. to 1/30 sec.
Recording medium	Internal memory: approx. 19GB
Number of photos that can be recorded, time *1	Still image: approx. 4800 photos Video (time per recording): max. 5 minutes/max. 25 minutes *0 *5 Video (total recording time): (4K, H.264) approx. 40 minutes 　　　　　　　　　　　　(2K,H.264) approx. 130 minutes
Power source	Lithium ion battery (built in) *2
Battery life	Still image: approx. 300 photos *3 Video: approx. 80 minutes *3
Image file format	Still image: JPEG (Exif Ver. 2.3), DCF2.0 compliant, Video: MP4 (Video: MPEG-4 AVC/H.264, H265, Audio: AAC-LC (monaural)+Linear PCM (4ch Special audio)) Live streaming: (Video: MPEG-4 AVC/H.264, Audio: AAC-LC(monaural))
External interface	microUSB: USB2.0, microphone jack
Exterior/external dimensions	45.2mm (W) x 130.6mm (H) x 22.9mm (17.9 mm *4) (D)
Weight	Approx. 121g
Usage temperature range	0°C - 40°C
Usage humidity range	90% or less
Communications transfer speed (WLAN)	2.4GHz, 3mm: 20Mbps, 2.4GHz,10mm: 10Mbps, 5GHz, 3mm: 50Mbps, 5GHz,10mm: 10Mbps
Communications protocol (WLAN)	HTTP
Communications protocol (BLE)	GATT (Generic Attribute Profile)

*0 A smartphone is required to change modes or configure manual settings.
*1 The number of photos and recording times are guides only.
　The actual number differs according to the photography conditions.
*2 Charge the battery by connecting it to a PC using the supplied USB cable.
*3 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.
*4 Excluding lens section.
*5 Automatic shut down if the internal temperature increases.

NEW RICOH THETA V
CAPTURING 360-DEGREE IMAGES OR VIDEOS IN ONE SHOT*

The "RICOH THETA V" is designed based on the concept of being compact, lightweight and easy to carry around anywhere. Furthermore, it achieves high-speed transfer that can comfortably process large volumes of data, high sound quality recording compatible with 360° spatial audio, and shoot 360-degree 4K video. The camera can connect to a mobile device using either Bluetooth or wireless LAN to allow for flexible operation based on user preferences. In addition, this product has a highly expandable operating system so that it can receive future performance enhancements through firmware updates after it has launched, which results in a fitting high-end model camera.

Main Features

High-resolution 360-degree spherical still images and video
Both the image quality of still images and video have been significantly improved and power consumption has been reduced by adopting a new image sensor that supports high-speed shot image data readout and the Qualcomm® Connected Camera Platform with a Qualcomm® Snapdragon™ processor.

4K compatible high resolution 360-degree video
The camera can shoot high-definition smooth 360-degree video at 30 frames per second at a resolution of 3840 x 1920 pixels, which is equivalent to 4K. Users can enjoy greater realism by creating immersive VR video content and watching video on a large screen.

* RICOH THETA for Windows/Mac (https://theta360.com/en/support/download/)
In order to view the videos, RICOH THETA for Windows/Mac is required to convert the videos that are shot separately.
Video conversion performance varies depending on your computer environment (OpenGL technology).
See theta360.com for details.

360-degree spatial audio recording that reproduces overwhelming realism
The camera has a 4-channel microphone that supports 360-degree spatial audio recording built into its body. Recording omnidirectional audio including, not just in the horizontal direction but also in the vertical direction, makes it possible to reproduce sound and video as it was in the environment where the video was shot by linking 360-degree video and audio together.
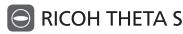
High-speed data transfer
The communication speed is now up to around 2.5 times faster than conventional models, which was achieved by improving the wireless communication module and increasing the data processing speed. Large volume of image data that accompanies the change to higher resolutions can also be comfortably transferred and browsed.

The World's-first, "Remote Playback" to enjoy 360-degree image on a large screen monitor
"Remote Playback" for 360-degree video is installed as a plug-in. Using a general-purpose receiver equipment such as a compatible wireless display adapters it is possible to mirror playback of 360-degree still images and video data stored on the camera. This allows users to enjoy powerful 360-degree video on large displays or over projectors by operating the camera.

Applications

⊖ RICOH THETA S
Main app for RICOH THETA V that supports Live view shooting and change of various shooting settings

⬭ THETA+
A specialized smartphone app for editing 360 degree still images taken with the RICOH THETA

⬭ THETA+ Video
A specialized smartphone app for editing 360 degree videos taken with the RICOH THETA

Available on the App Store | GET IT ON Google Play

RICOH THETA V supports: 🐦 f tumblr. 8+ g+