RICOH
imagine. change.

Easy to Follow Instruction

THETA

Have a virtual exper ience of being there.

A full
360
spherical view

What can you do with RICOH THETA?

Shoot
Record an entire scene with a single shot.

By using the application, RICOH THETA also enables shooting using remote control or manually.

—— RICOH THETA technology ——

Two super-wide-angle lenses (fish-eye lenses)
+
Real-time image processing technology
=
Generating 360° images

Swish!
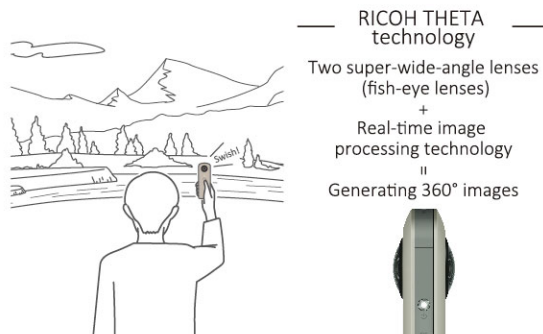
View
By using the applica tion, view a 360° picture or video.

Watch your favorite parts simply by swiping and pin from a 360° picture or video ching.

— Basic application —

RICOH THETA

Enjoy
Edit in various fun ways and share worldwide.

You can use various SNS and email services to easily share 360° images with your friends, and using the editing app lets you enjoy the content in even more ways.
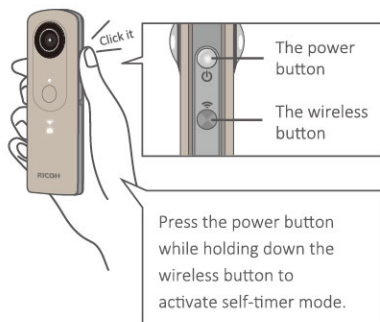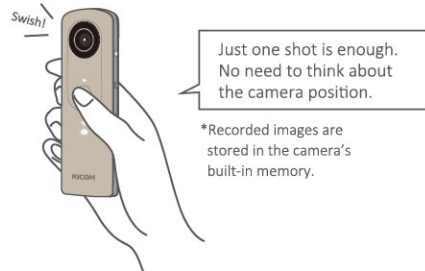
— Special editing app —

THETA+

Let's shoot!

Taking Still Images

1. Turn the power on.

Click it

- The power button
- The wireless button

Press the power button while holding down the wireless button to activate self-timer mode.

2. Hold it still and press the shutter button.

Swish!

Just one shot is enough. No need to think about the camera position.

*Recorded images are stored in the camera's built-in memory.

Shooting Remotely

*All of the app screenshots featured in this booklet are from the iOS.

1. Connect THETA with a smartphone over Wi-Fi and launch the THETA app.

— Basic application —

RICOH THETA

*A connection setup is necessary when connecting RICOH THETA to a smartphone for the first time. For connection methods, refer to the "Quick Start Guide" included with the product.

Features only available with the RICOH THETA V

Bluetooth® Connection   Bluetooth®
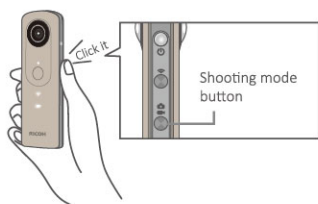Stay connected to a smartphone, so you can quickly start shooting remotely at any time.

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2. Tap the Button on the screen to release the shutter

Swish!

*Wireless LAN can be connected up to approx. 10 meters away.

[You can change the shooting mode to make various adjustments including brightness and color hues]

- Auto shooting
- Shutter Priority
- ISO Priority
- Manual

*Turn the smartphone's Wi-Fi mode on.

Shooting videos Let's shoot!

Using the TW-1

Shooting Videos

1. Press the shooting mode button and select the video mode.

Click it

Shooting mode button

2. Press the shutter button to start video shooting.

Swish!

Video shooting ends when the shutter button is pressed again.

*To take a good video, keep the camera still while shooting.
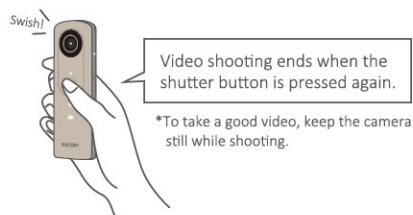
Taking a Video by Remote Control

1. Connect THETA with a smartphone over Wi-Fi and launch the THETA app.

— Basic application —

RICOH THETA

2. Tap to start recording, and tap again to stop.

Swish!

*Wireless LAN can be connected up to approx. 10 meters away.
*Cannot be connected underwater.

Features only available with the RICOH THETA V

4K video `4K`
Capture high-quality video at 30 fps in 4K (3840 x 1920 pixels) resolution.

Supports for image stabilization
Shooting video with reduced shaking thanks to a gyro sensor.

360° spatial audio `360 Spatial AUDIO`
Enjoy audio virtual reality thanks to the build-in 4-channel microphone.

Delivery virtual reality with even higher audio fidelity using a dedicated 3D microphone
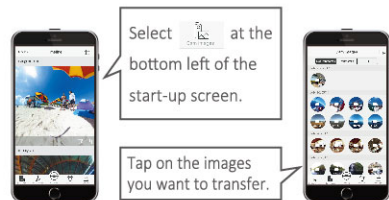*Optional

4K live streaming `4K LIVE`
You can output 360° video at 30 fps in 4K (3840 x 1920 pixels) resolution and in real time.

View them now!

Transferring to a Smartphone

Launch the basic app,
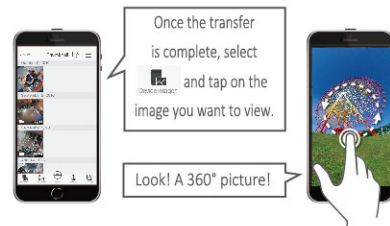select [Cam images] and tap the
images you want to transfer.

> Select ▢ at the
> bottom left of the
> start-up screen.

> Tap on the images
> you want to transfer.

*Turn the smartphone's Wi-Fi mode on.

Viewing on a Smartphone

Select [Device images] and tap
on the image you want to view.

> Once the transfer
> is complete, select
> ▢ and tap on the
> image you want to view.

> Look! A 360° picture!

*Once an image has been transferred it is saved.

Check out a
sample here ▼

Video
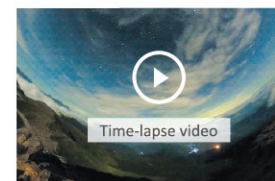
Check out a
sample here ▼

Check out a
sample here ▼

Check out a
sample here ▼

Time-lapse video

Watch with TV Features only available with the RICOH THETA V

Hold down the mode button to enjoy 360° experiences with the
THETA V acting as the remote control

*A Miracast-compatible device is required.
 Refer to our website for compatible products.

Viewing in VR

1. Choose the desired image
   on the basic app and tap
   ▢ to shift between the
   single lens mode and the
   twin lens mode.

2. Enjoy virtual experiences
   with a VR viewer

Viewing in twin lens mode

> Place your smartphone
> in a VR viewer to
> enjoy the image.

Features only available with the RICOH THETA V

Videos captured in 4K video mode
support the 360° spatial audio feature.
The VR view linked with sound will
make you feel as though you are
really there.

> It plays in sync
> with audio!

> It's really like
> I was there

* VR viewing may be unavailable on some
  Android devices.
* Commercially available VR headsets can be used.
* Consult the instruction manual for each product
  for information on recommended ages.

View on PC

Launch the PC app and
drag-and-drop the image you
wish to view to enjoy it in 360°

PC App

🔘 RICOH THETA

@geek7

On the Planet!

TRAVEL

Play with turtle

@antonyagostini

@anzu1225

@maakomind

@snow_j

The THETA+ smartphone app is specially designed for editing still images and video.
As well as editing still images and video in various ways,
you can also save them on your smartphone and share them with your friends.

THETA+

*Operation may vary depending on the OS.
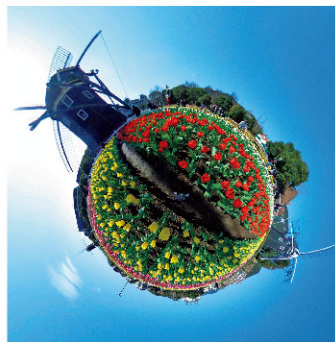As of July 2018

For more details ▶

Still Images　·View ·Filters ·Image correction ·Stamp ·Text ·Cropping ·Animation ·Time lapse editing ·Sharing

Videos　·View ·Filters ·Trimming ·BGM ·Sharing

Display 360-degree content in various ways

Select from five different views to create images unique to RICOH THETA.

Mirror ball

Dual screen

Little planet

Flat

Straight

Create animation

Check out a sample here ▼

A single video that lets you push in, pull out and turn within a 360-degree still image, is generated. In addition to nine default movement patterns, you can customize your own.

Decorate images with stamps and text

THE WIND IS BLOWING

Insert stamps (from around 100 types) and input your own text to decorate fun 360-degree images.

Edit images with filters and retouching

Before

After

Edit your images using a wide range of filters as well as precise controls for exposure compensation, saturation, contrast and more.　*Only filters can be applied to videos.

Create time lapse videos

This feature lets you combine multiple still images to create fast-motion time lapse videos.

Make changes to videos

Create dramatic movies by editing the length and adding your favorite background music.

Save your images in two ways

Cropped images

Crop only the part you want out of a 360-degree image.

360-degree images

Even after editing, you can spin and rotate the image.

Share your images

Enjoy pictures and videos by sharing

You can easily post to SNS sites such as Twitter and Facebook from the basic app or editing app.

1: Shoot

2: Upload

3: Share with Everyone

I didn't know this kind of camera existed!

You can freely look around in 360°.

Show me the view behind as well!

Wow, you can see everyone.

So beautiful!

That's interesting

This is so realistic!

Amazing!

I feel like I'm there!

Using SNS

360° images taken with RICOH THETA can be enjoyed on supported SNS sites.

• Compatible SNS (examples):

Posting to Messenger

When you post a still image to a Messenger chat window, the recipient can also view the image in 360 degrees. Being able to share spherical images easily will give you even more to talk about.
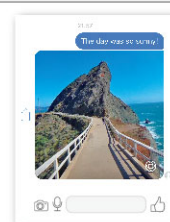
Posting to Instagram

Using the THETA+ and editing apps, you can share your proud creations with friends. Posting creative THETA images to Instagram is a popular style!

Posting to Facebook

Spherical still images and videos can be posted as-is to Facebook, allowing your friends to view your content in 360°.

Posting to Twitter

You can upload content to the Ricoh cloud space (theta360.com) and place a link in a Twitter post.
The linked page can be viewed in 360°.

Posting to YouTube

YouTube supports 360° video. With the YouTube app you can easily share virtual reality experiences in VR view (twin lens).

Posting to Google Street View

With the Street View app, you can do everything from shooting THETA images with remote control to uploading 360° images.Post common sights or travel scenery as original images to Google Maps and share your content with the world.
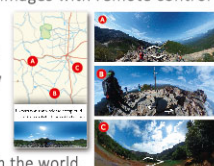
*These are images of submitted pictures.

Explore Various Shooting Scenarios

Travel

Underwater

Mountain Climbing

Wedding Ceremonies

@rallycrosslife

Time with Family and Friends

@YouMakeFashion

We recommend shooting still images or video even on regular days when nothing much is happening.

Even when it's not a particularly special day, photos taken with family serve as a record of precious moments. As time passes, you will look back on unassuming daily moments—of a daughter when she was still a baby, a beloved grandparents, or even your own younger self—and be able to recreate those instances in the vivid detail of a 360-degree virtual experience.

Optional accessories THETA accessories to further enhance your experience

Underwater Housing Case
TW-1

Waterproof case rated to a depth of 30 meters, equivalent to JIS Class 8 waterproofing.
*Supports THETA V/S/SC

Attachment for strap AT-1	Soft Case TS-1	Hard Case TH-2 Weather-resistant	Cable switch CA-3	Extension Adapter TE-1	3D Microphone TA-1

Learn More

Go to the Official RICOH THETA accounts

This official account is loaded with information about various 360° works and ways of enjoying RICOH THETA. Follow the account to enjoy RICOH THETA even more.

RICOH THETA

theta360official

RICOH THETA official

You Tube RICOH THETA

RICOH THETA Official Website – theta360.com

The official site helps you get even more out of your RICOH THETA with the latest information on RICOH THETA and related apps, a sample gallery that allows you to rotate images, and the cloud space, which allow you to post and share the 360° spherical images you have taken.

RICOH THETA V

Superior performance captures the world's beauty in 360 degrees.

360° makes it real.

With support for 4K video, 360-degree spatial audio and Bluetooth, capture an authentic 360-degree spherical world.

High Resolution
- 1/2.3″ 12M CMOS sensor × 2 (Output pixel count equivalent to 14M*1)
- F2.0 lens • Main processor "Snapdragon"

4K video capture *1	**Video image stabilization**
• 30 fps • 25 minutes continuous shooting	**4K live streaming**
Support for 360° spatial audio	**Remote Playback**
Wireless LAN connection/Bluetooth support	**Supports plug-ins**
Long exposure (Maximum 60 seconds)*2	**Multi bracket shooting*2**
19 GB Memory **Self-timer**	**Color temperature specification shots *1**
High-speed data transfer*2	**Wireless Lan Client Mode*3**

RICOH THETA SC

Marvel at the intimate quality of 360-degree images.

360° for everyone.

RICOH THETA SC offers viewers a new experience of a 360° spherical world as if they are actually there.

High Resolution
- 1/2.3″ 12M CMOS sensor × 2 (Output pixel count equivalent to 14M*1)
- F2.0 lens

Full HD video capture*1	**Multi bracket shooting*2 *3**
• 30 fps • 5 minutes continuous shooting	**Interval composite shooting*2 *3**
Long exposure (Maximum 60 seconds)*2	**Color temperature specification shots *2 *3**
Wireless LAN connection*2	**My Settings*2 *3**
8 GB Memory **Self-timer**	
Lightweight at around 102 g	
Four colors	

*1 The resolution of recorded data. The resolution of the spherical video viewed varies depending on the display equipment or the magnification ratio.

*2 When RICOH THETA basic app is used   *3 A firmware update is required.

* Check our website for the latest functionality information.

RICOH
imagine. change.

RICOH IMAGING COMPANY, LTD.

As of July 2018