Getting started with RICOH THETA

Easy to Follow Instruction
Have a virtual experience of being there.

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.

**View** By using the application, view a 360° picture or video.
Watch your favorite parts simply by swiping and pinching from a 360° picture or video.

**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.

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

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Basic application

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**THETA+**
For 360° pictures

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**THETA+ Video**
For 360° videos

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Taking Still Images

1. Turn the power on.

2. Hold it still and press the shutter button.

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

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

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

   — Basic application —

   RICOH THETA S

   *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.

   *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.]

   Features only available with the RICOH THETA V

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

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

   - Auto shooting
   - Shutter Priority
   - ISO Priority
   - Manual

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

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

2. Press the shutter button to start video shooting.

   Video shooting ends when the shutter button is pressed again.

   *To take a good video, keep the camera still while shooting.

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**Taking a Video by Remote Control**

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

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

   [Image of THETA S app]

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<td>Capture high-quality video at 30 fps in 4K (3840 x 1920 pixels) resolution.</td>
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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.

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!

*Turn the smartphone’s Wi-Fi mode on.
*Once an image has been transferred it is saved.

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.

Viewing in VR
1. Choose the desired image app and tap between the user.
2. Enjoy virtual experiences with a VR viewer in a VR viewer to enjoy the image.

Viewing in twin lens mode

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

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.

PC App

*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.

*A wireless display adapter is additionally required. Refer to our website for compatible products.
Editing Still Images / Editing Videos

The THETA+ and THETA+ Video smartphone apps are specially designed for editing still images and video, respectively. 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+ (for still images)**
- View (view selection)
- Filters (color tone change)
- Image correction
- Stamp
- Text

**THETA+ Video (for videos)**
- View (view selection)
- Filters (color tone change)
- Trimming (cutting video length, adjusting playback speed)
- BGM
- Cropping (cutting out part of the video framing)
- Sharing

*Operation may vary depending on the OS. As of September 2017

**Display 360-degree content in various ways**
Select from four different views to create images unique to RICOH THETA.  

**Create animation**
A cropped video that looks like a 360° still panoramic image is produced automatically. Stand out on Instagram.

**Have fun decorating with stamps and text**
Choose from around 100 stamps and enter your own text to decorate your 360-degree images.

**Make changes to videos**
You can cut videos down to the desired length and modify the playback speed. By adding your favorite background music, you can add drama to your movies.

**Create time lapse videos**
This 360° time lapse video mode lets you create fast motion video by combining multiple recorded still images using the interval shooting feature.

**Save your images in two ways: 360-degree image or cropped image**

**360° 360-degree images**
Even after editing, you can spin and rotate the image. If posted to Facebook or YouTube (videos only), the 360-degree content can be experienced in VR using a smartphone.

**Cropped images**
This mode lets you save flat images and videos. Edit 360° images and videos on your own into eye-catching ones to post on Instagram and other social media. It also allows you to cut part of an image at your desired aspect ratio* to save and print it just like an ordinary photo.

*1: Function only available in THETA+ (for still images)  
*2: Function only available in THETA+ Video (for video)
SNS etc  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!

Wow, you can see everyone.

So beautiful.

That’s interesting.

Amazing!

Show me the view behind as well.

You can freely look around in 360°.

That’s so realistic!

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

  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. Create your own original street view images out of common sights or scenery during travel.

*These are images of submitted pictures.
Explore Various Shooting Scenarios

Optional accessories  THETA accessories to further enhance your experience

Underwater Housing Case  TW-1  3D Microphone  TA-1

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

High fidelity 360° spatial audio with excellent directionality. 3D microphone developed specifically for THETA V

Other accessories

• Attachment for strap  AT-1 (5 colors available)  • Soft Case  TS-1 (Two Colors)  • Hard Case  TH-2
• Cable switch  CA-3  • Extension Adapter  TE-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  RICOH THETA official

 theta360official  YouTube  RICOH THETA

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 grandparent, or even your own younger self—and be able to recreate those instances in the vivid detail of a 360-degree virtual experience.
RICOH THETA V
High-end Model
Record 360° image in high quality with advanced functions

360° makes it real.
Supports 4K video shooting, 360° spatial audio and Bluetooth
Featuring advanced performance for recording an authentic
360° spherical world.

RICOH THETA SC
Standard-class Model
Enjoy 360° shooting with high performance and ease of use

360° for everyone.
RICOH THETA SC offers viewers a new experience of a 360°
spherical world as if they are actually there.
High image quality in an accessible package.

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**High Resolution**

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

- 4K video capture
  - 30 fps
  - 25 minutes continuous shooting

- Support for 360° spatial audio

- Wireless LAN connection/Bluetooth support

- Long exposure (Maximum 60 seconds)†

- 16 GB Memory

- Self-timer

- High speed data transfer*²

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**New Features**

- 4K live streaming

- Remote Playback

- Supports plugins

- Multi bracket shooting*³

- Color temperature specification shots*⁴

- Full HD video Capture*⁵
  - 30 fps
  - 5 minutes continuous shooting

- Long exposure (Maximum 60 seconds)†

- Wireless LAN connection

- 8 GB Memory

- Self-timer

- Lightweight at around 102 g

- Four Colors

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* 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 S basic app is used

*³ A firmware update is required.

*⁴ Check our website for the latest functionality information.

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As of September 2017