

## **RICOH THETA Movie Converter for Windows**

**ver. 2.0.1**

### ○ **Purpose**

RICOH THETA Movie Converter for Windows converts movie files with 360° spatial audio RICOH THETA V outputs into YouTube movie formats.

Uploading converted movie files to YouTube, you can enjoy movies with 360° spatial audio on YouTube.

### ○ **How to install RICOH THETA Movie Converter for Windows**

To install the converter, launch the Setup.exe supplied with the product and follow the dialog boxes for installation.

### ○ **How to use RICOH THETA Movie Converter for Windows**

Follow the procedure below to convert movie files with 360° spatial audio into YouTube movie formats.

1. Connect RICOH THETA V to your computer using a USB device and copy a movie file (for instance, R0010001.MP4) you want to convert to your computer.
2. Start the main app for computer "RICOH THETA", and drag and drop the movie file (for instance, R0010001.MP4) to it.
3. Uncheck the [top/bottom correction] check box and click the [Start] button.
4. Drag and drop the converted movie file (for instance, R0010001\_er.MP4) to RICOH THETA Movie Converter on the desktop screen.

When a dialog box appears, specify a file name and start conversion. After the file is converted, an MOV file (for instance, R0010001\_er.mov) is output.

5. After the MOV file is output, upload it to YouTube.

This procedure applies when the firmware ver.1.00.2 and the main app for computer "RICOH THETA" ver.3.1.0 are used.

The procedure may change when the software is updated in the future.

For details about how to upload the files to YouTube, please visit and check YouTube.

### ○ **Cautions for shooting**

When using RICOH THETA V for shooting, place it on a tripod, etc. and stand it vertically.

### ○ **Operating environments**

Please visit and check [theta360.com](http://theta360.com).

## ○ History

Jan. 11, 2018, ver.2.0.1

- The problem, a video file whose size exceeds 4GB cannot be converted, is fixed.

Dec. 20, 2017, ver.2.0

- Converted movie format is changed.  
Ambisonic components order of 4-channel audio track is changed from W, X, Y, Z to W, Y, Z, X.
- The problem, incorrect normalization of audio, is fixed.  
Audio volume of ambisonic W channel is modified according to SN3D.
- The problem, inaccurate audio volume of 3D microphone TA-1, is fixed.  
Audio volume of ambisonic W channel in the movie recorded by 3D microphone TA-1 is modified from RICOH THETA V firmware ver.1.20.1. RICOH THETA Movie converter ver.2.0 compensates the audio volume of the movie recorded by using TA-1 with RICOH THETA V firmware ver.1.11.1 or before.

Sep. 29, 2017, ver.1.0

- New software