360 Degrees Video

This book is about the different possibilities of 360 Degrees video and the different cameras you can use.

- THETA V tips and tricks

THETA V tips and tricks

THETA Drivers:

Er zijn drie versies van de Theta drivers Er is ook een 32 bit en 64 bit versie van de drivers

v1 drivers: link

UVC BLender driver: link

v2 drivers: link

v3 drivers: link v3 info: link

Using Theta V als Livestream webcam

- Connect the Theta with an usb 3 cable to your computer
- Turn the Theta V on
- Click on "mode" until you se the video icon light up and the word "live" light up
- Stat your video capture software

Ricoh Theta V in Unity

In the latest versions of Unity (from 2020 onward), the THETA V is **no longer supported as a livestreaming webcam**. If you want to capture a livestream from the THETA V in Unity, you will need OBS (Open Broadcaster Software).

In OBS, you can capture the THETA's feed using the "video capture device" option. For MacOS, this works "out of the box," but for Windows, you'll need the latest streaming driver for the Theta, which you can find here.

Afterward, you can use OBS to capture the THETA's livestream and then use "Start Virtual Camera" to output the video stream as OBS virtual camera.

Important is that before you Start the virtual camera you first change the Video resolution in the OBS settings form 1920x1080 to 3840x1080. You do this by clivking in the fields "Base(canvas) Resolution" and "Output (scaled) Resolution" and type in th enew resolution.

Sources:

Thanks for this report on your tests. We saw a similar thing with the THETA V. MPC-HC could detect the hardware device driver (THETA V or THETA Z1) on Windows. However, other software such as Unity and OBS (Open Broadcaster Software) required the use of the software device driver. In addition, Unity also needed non-blank fields as described above. link

- This is the main post with good info: Link
- Stream Theta to skybox not sphere link
- Much background Info not all super relevant link
- Streaming Theta X C Z1 using the 3.0 driver link

Theta Drivers Registry hack

From roughly Mar 2018, the hack was no longer needed with THETA V as RICOH incorporated a similar hack into the driver 1.0.1. link

Information about the registery hack for the 1.0 driver VERY OLD LINK