



4ch HDMI Video Capture Manual



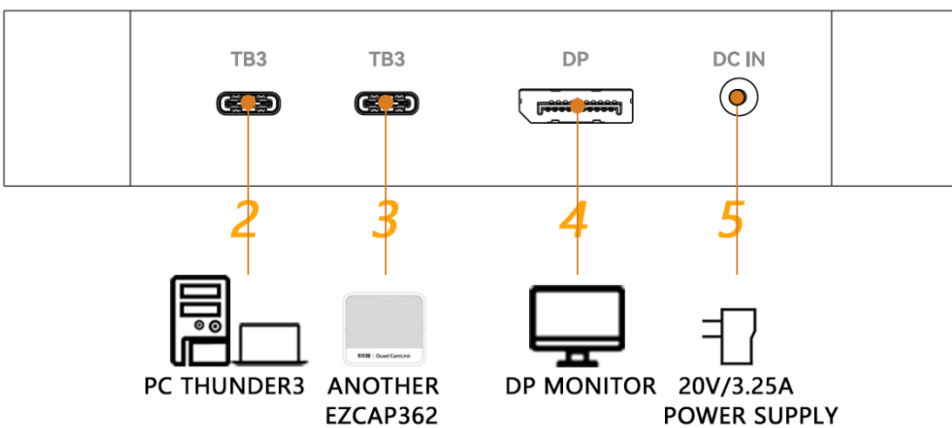
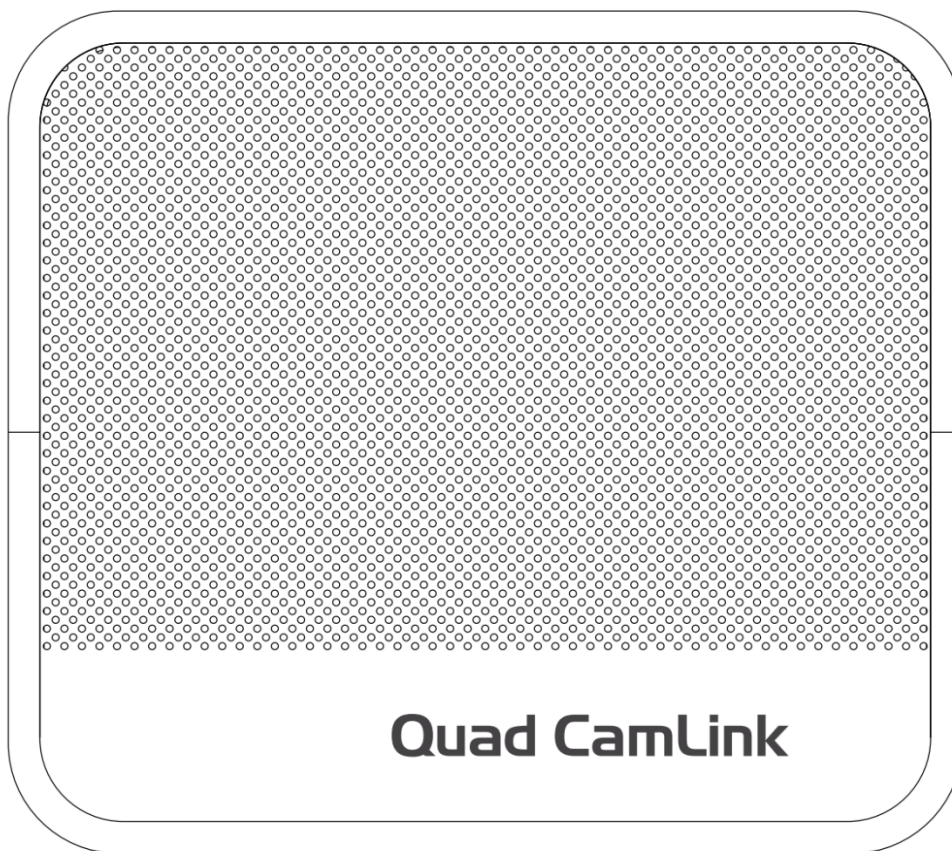
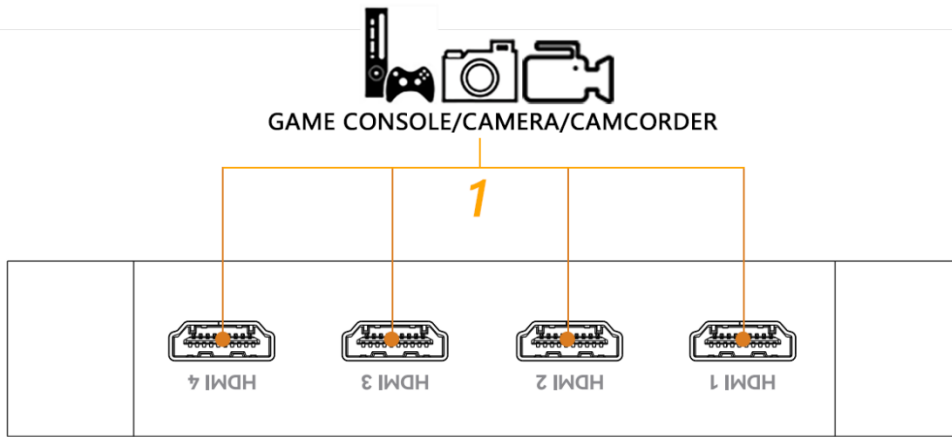
Overview

Thanks for purchasing **Quad CamLink** capture card. Please read this manual before use and keep it in a safe place for future reference. You can use this device: Capture and stream four channels HDMI signal up to 4K or RGB24 1080P60 such as Camcorder, DSLR, action camera, mobile devices and etc.

In the Box

Quad CamLink x1, Thunderbolt 3 cable x1, Power supply adapter x1, Manual x1

Product Overview and Connections



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1. **HDMI 1/2/3/4:** HDMI input ports, connect to video source such as Camcorder, DSLR.
 2. **TB3:** Thunderbolt 3 port, connect to Thunderbolt 3 port of computer by Thunderbolt 3 cable to capture and streaming video
 3. **TB3:** Thunderbolt 3 port, connect to another Quad CamLink capture card by Thunderbolt 3 cable in daisy chain mode.
 - 1), Quad CamLink does not support USB 2.0, 3.0, 3.1, or 3.2 port, only Thunderbolt 3 port.
 - 2), In daisy chain mode, should upgrade the firmware to change the device name.
 4. **DP:** DP display port, connect to DP monitor as an additional display.
 5. **DC IN:** Power supply port, connect to included 20V/3.25A power supply adapter.
Can power supply laptop when connect left Thunderbolt 3 port to computer.

Hardware

Connect your device to the Thunderbolt 3 port of the computer, wait a moment, the system will automatically recognize Quad CamLink device, and you will find the device name – **ezcap Quad CamLink CH1, CH2, CH3 and CH4** in **Cameras** catalog and **Sound, video, and game controller** catalog on **device manager**, which means the device is ready to work.

Camera Tips

The tips will ensure the best experience and image quality when using camera with

Quad CamLink capture card. These are general tips and may not apply directly to the camera you are using.

1, **Disable AUTO SHUTOFF:** Most cameras will automatically turn off to prevent battery drain. For video calls, the camera needs to stay on indefinitely. Automatic power shutoff settings are most often found in the power settings of the camera.

2, **Clean HDMI OUTPUT:** Cameras output graphical user interface elements such as battery levels and resolution settings. This can be disabled by going into HDMI menu of camera and disabling HDMI info display, or by pressing the info button on your camera multiple times.

3, **Use an AC ADAPTER:** Most cameras cannot operate and charge at the same time. An AC adapter or dummy battery must be used to trick the camera into thinking it is running on battery power indefinitely.

4, **Set to MOVIE MODE:** Look for the Movie Mode option, typically indicated by a film camera icon on a camera's mode dial.

Software

Quad CamLink capture card can be used with most capture and streaming software such as OBS, vMix, VLC, XSplit and etc. For professional live streaming or recording, we suggest use OBS.

Please go to download: <https://obsproject.com>, then install it on your computer.

Start Work

Select Device

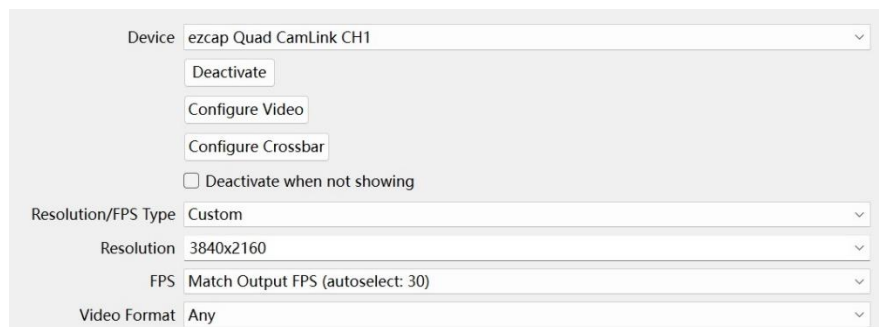
Double-click the OBS Studio icon on the desktop.

Click icon + under **Sources** window, and select **Video Capture Device**. Click **OK** in the new pop-up window. Please click **Device** and select **ezcap Quad CamLink CH1**. You can change the scene name and video capture device name.

Video Setting

You will see the video from **HDMI 1** port of ezcap362 Quad CamLink appear in the preview window.

You can add channel 2/3/4 video with similar setting above – ezcap Quad CamLink CH2/CH3/CH4.

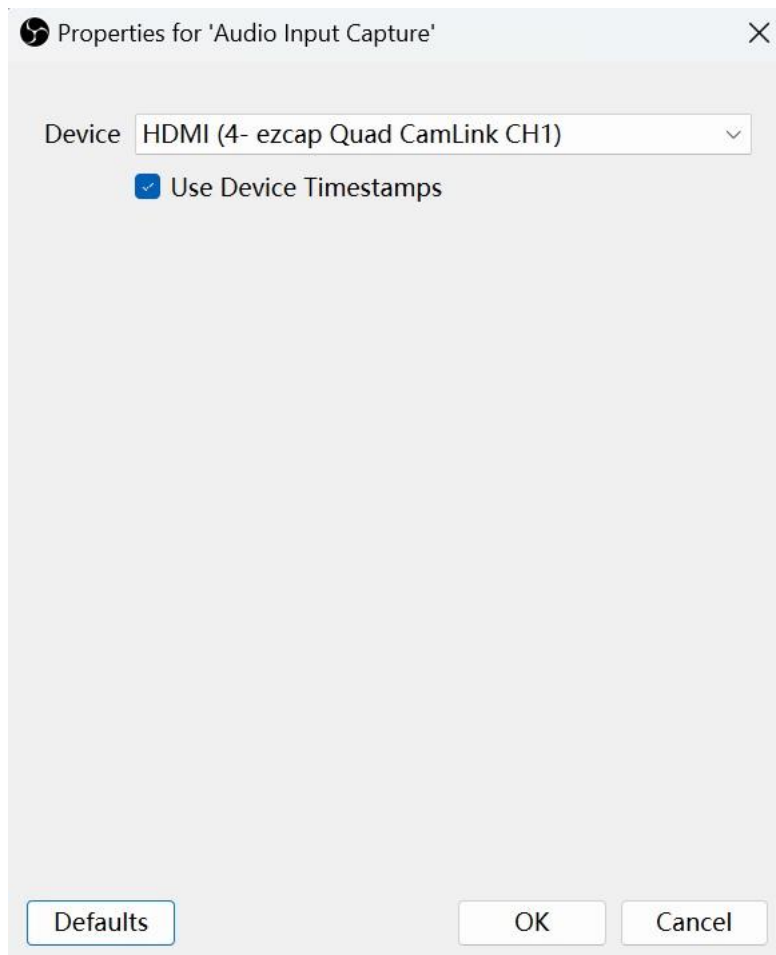


You can click the drop-down box next to **FPS** to select the appropriate FPS, and click the drop-down box next to **Video Format** to select the video format.

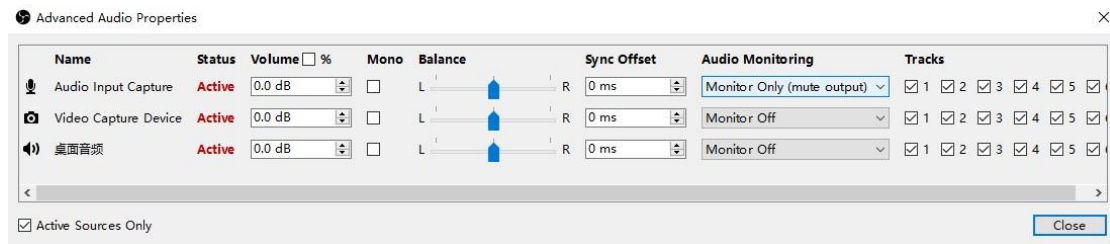
Audio Setting

Click the icon+ under the source area in the bottom left corner of the OBS panel,

and then select **Audio Input Capture**. Click **OK** in the pop-up window, where you can also rewrite the new name for the device such as **CH1**. After clicking **OK**, click on the drop-down box next to the **Device** in the pop-up window, select **ezcap Quad CamLink CH1**, and then click "OK".



Click the **settings** icon on the **Audio Mixer** interface, and then select **Advanced Audio Properties**. In the new pop-up window, in the **CH1** column, click **Audio Monitoring**, and then select **Monitor Only (mute output)**, then you can get the sound, and you can click **loudspeaker icon** to mute. You can also add CH2/3/4 audio following above operations.



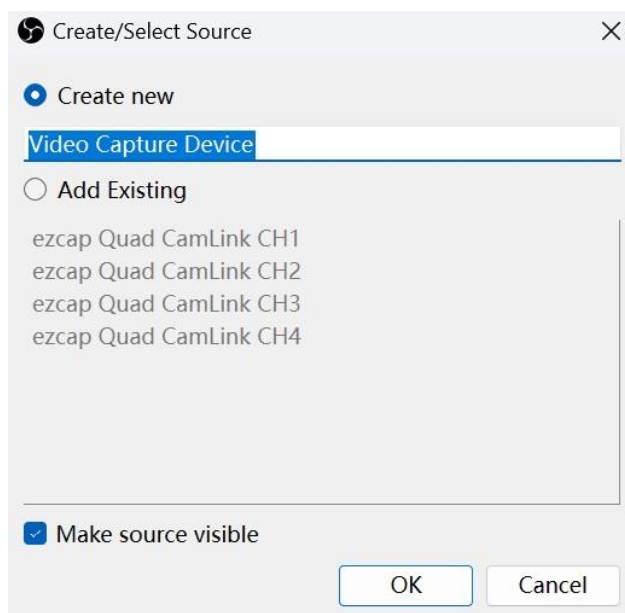
Multi-scene switch

A powerful video mixer engineered for four cameras production, ezc362 Quad

CamLink equips you to capture four HDMI signals with ultimate ease and flexibility.

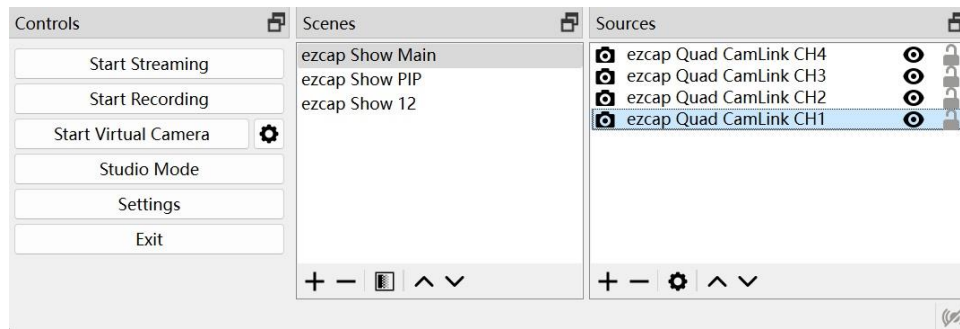
Add different scenes according to your actual video production needs on OBS. In each different scene, each HDMI video can be reused in different video combination modes.

You just need to tick **Add Existing** when adding the same device in different scenes and then select the desired camera video. Each video can be adjusted to the display combination you need in this scene, such as Quad Picture, Picture in Picture, Side by Side, or single picture.



You can switch the different picture combination between the different scene right

now.



Recording

Click **Settings** in the low right corner of OBS panel, and click **Video** on the left in the pop-up Settings window. Click the drop-down box next to **Base (canvas) Resolution** to select the appropriate resolution, and click the drop-down box next to **Output (Scaled) Resolution** to select the output resolution. Click the drop-down box next to **Common FPS Values** to select the FPS values.

Click **Output** on the left of Settings window as above, in **Recording** column, you can set **Recording Path, Recording Quality, Recording Format, Encoder**.

After setting, click **Apply** and **Ok** in the low right corner of Settings panel, then simply click **Start Recording** in the low right corner of OBS panel to start recording videos, and click **Stop Recording** to stop recording.

Streaming

Click **Output** in the **Settings** panel, in the **Streaming** column, set video quality for streaming (adjust depends your computer, network speed), then click icon Apply and OK in the Settings panel. Click **Stream** in the Settings panel, then you can click the

drop-down box next to **Service** to choose the software platform you want, then click icon Apply and OK in the Settings panel.

Click **Start Streaming** in the low right conner of OBS panel to start streaming, and click **Stop Streaming** to stop streaming.

Note: Please click the **help** at the top of the OBS interface, and learn more about OBS in the link that pops up.

Specifications

Interface: Thunderbolt 3

Video Input: HDMI ® 1.4 enabled x4

Audio Input: HDMI 1.4 x4

Max HDMI Input Resolution: 2160p30, 1080p60

Max Recording Resolution for HDMI 1/3: 2160p30

Max Recording Resolution for HDMI 2/4: 1080p60

Supports Resolution: 3840 x 2160, 2560 x 1440, 2560 x 1080, 1920 x 1080, 1280 x 720, 720 x 576, 720 x 480

Supports Format: YUY2, NV12, I420, RGB24, MJPG

Dimensions (W x D x H): 136 x 120 x 32 mm

Weight: 436g

* The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Operating System

Windows 10 x64 / 11 x64, Thunderbolt 3 Port x1

Desktop: Intel Core i5-6XXX / AMD Ryzen 3XXX or above, NVIDIA GeForce GTX 1060 / AMD RX 5700 or above, 8 GB RAM recommended.

Laptop: Intel Core i7-7700HQ or above, NVIDIA GeForce GTX1050 Ti or above, 8 GB RAM recommended.