

4 channel video Multi-viewer

USB3.0 HDMI capture

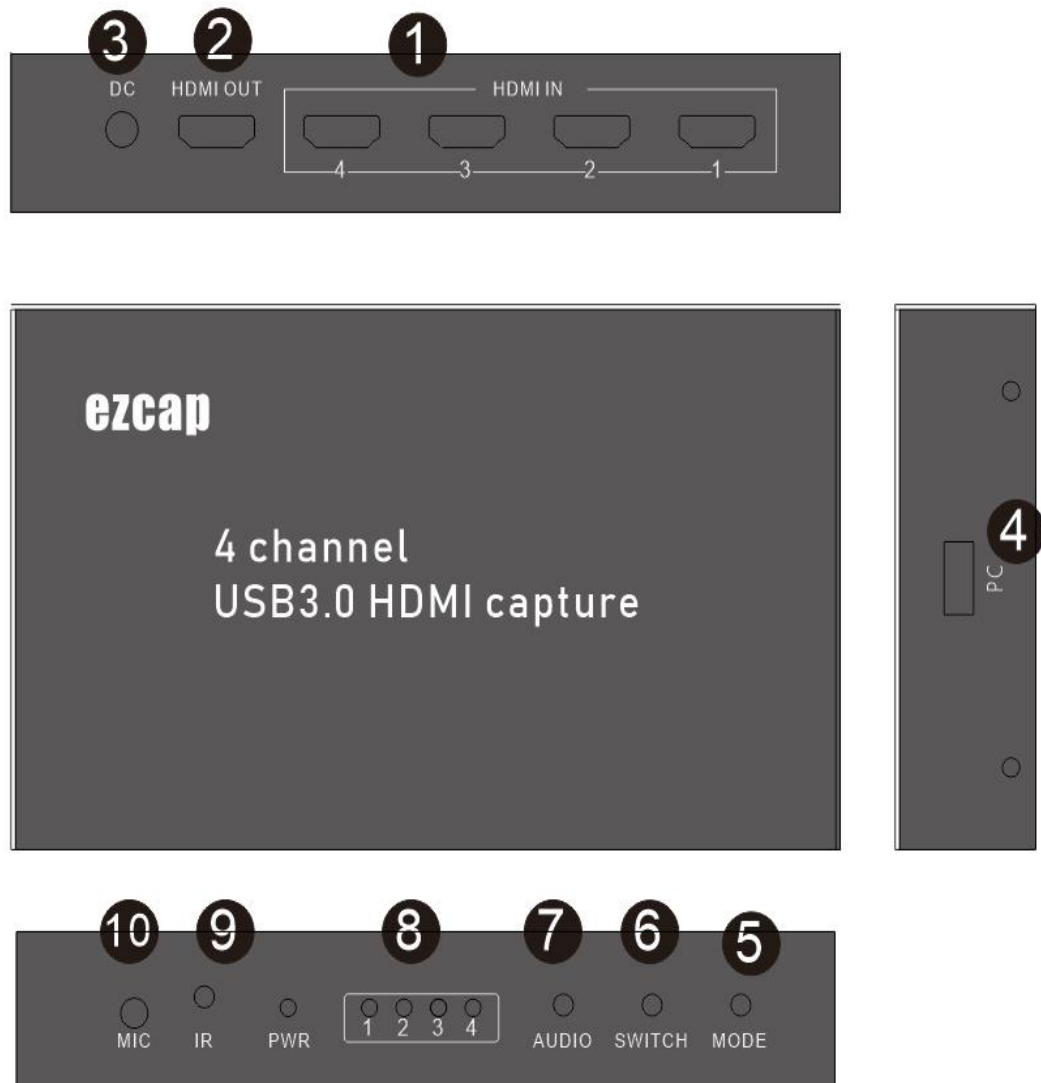
Quick Start Guide

Thanks for purchasing ezcap264 4 channel USB3.0 HDMI capture, or ezcap264A 4 channel video Multi-viewer. The following guides you how to set up. Hope this device will bring you nice digital experience.

ezcap264 /ezcap264A has 4 HDMI input port, and built-in multi-viewer& switch function.

Ezcap264 capture/live stream full HD 1080 60 video through USB3.0 port, user can capture 1 or 2, or 4 channel same time depends you need.

Features:



ezcap264/ezcap264A

1. HDMI IN – Connect video source with HDMI cable

2. HDMI OUT – Connect to TV with HDMI cable
3. DC – DC 5V2A supply
4. USB3.0 – Connect to computer with USB3.0 cable
Ezcap264A doesn't have this port.
5. MODE – Switch between one channel view mode and multi-view mode:



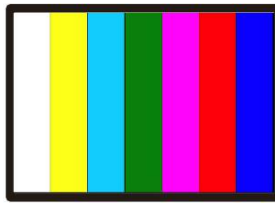
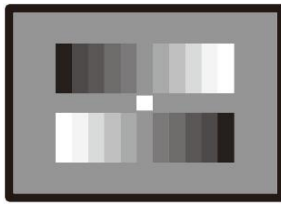
One channel view mode



Multi-view mode

6. SWITCH:

When the mode been set to One channel view mode by above “MODE” button, press this button to switch display each channel: CH1, CH2, CH3, CH4



When the mode been set to Multi-view mode, press this button to switch the multi view mode between:
Quad-view, Quad-view (1+3), Dual-view, Dual-view (PIP):



Quad-View

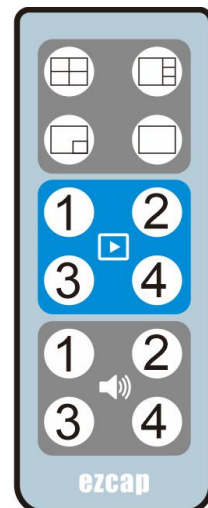


Quad-View (1+3)



Dual-View(PIP)

7. AUDIO – Switch which channel's audio will be preview.
8. LEDs – 1~4 shows the channels connecting. PWR for power
9. IR receiver
10. MIC – Connect to microphone



Remote controller



Quad-View



Quad-View (1+3)



Dual-View(PIP)



One-View, press again to switch channels

Video channel 1, 2, 3, 4 – Press to choose which channel's video will be displayed (One-View)

Audio channel 1, 2, 3, 4 – Press to choose which channel's audio will be played.

Multi-view operation:

Power on ezcap264 /ezcap264A

Connect video source to HDMI input each channel

Connect HDMI OUT to TV

Use buttons or remote controller to operate.

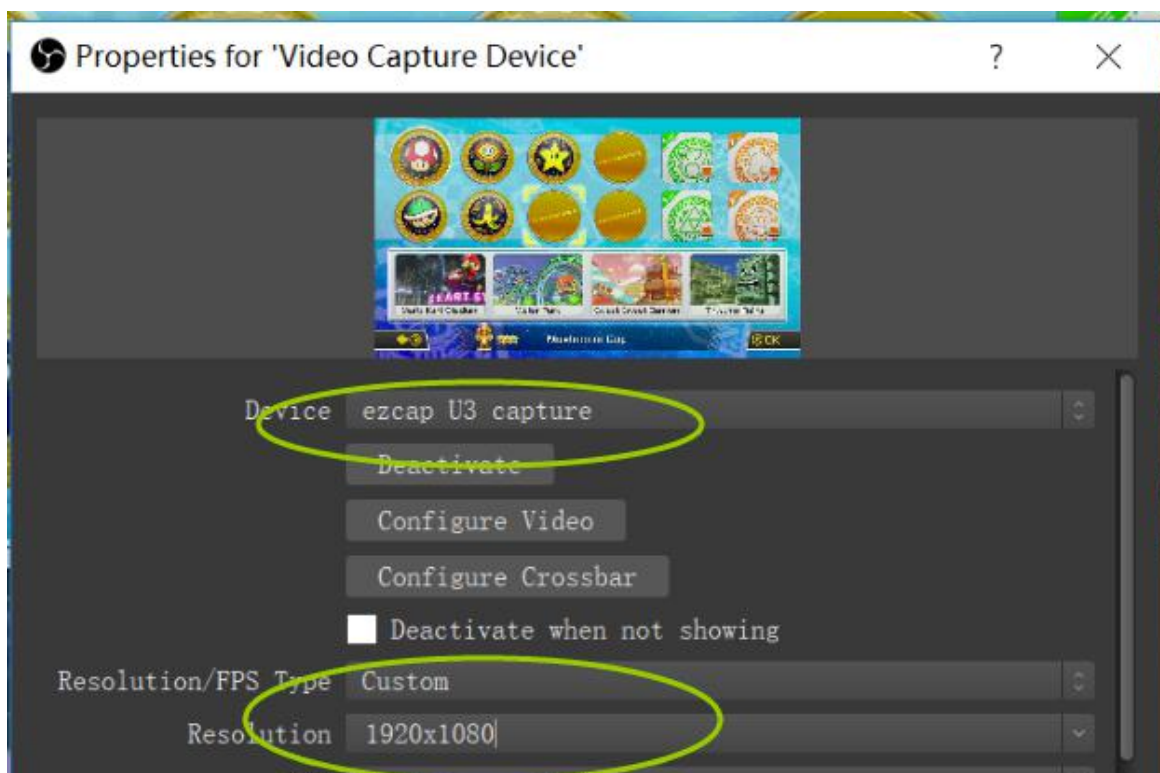
For ezcap264, you can connect to PC with an USB3.0 cable, so can capture or stream video,
Following is the manual for ezcap264. (no need read down for ezcap264A)

Work on windows

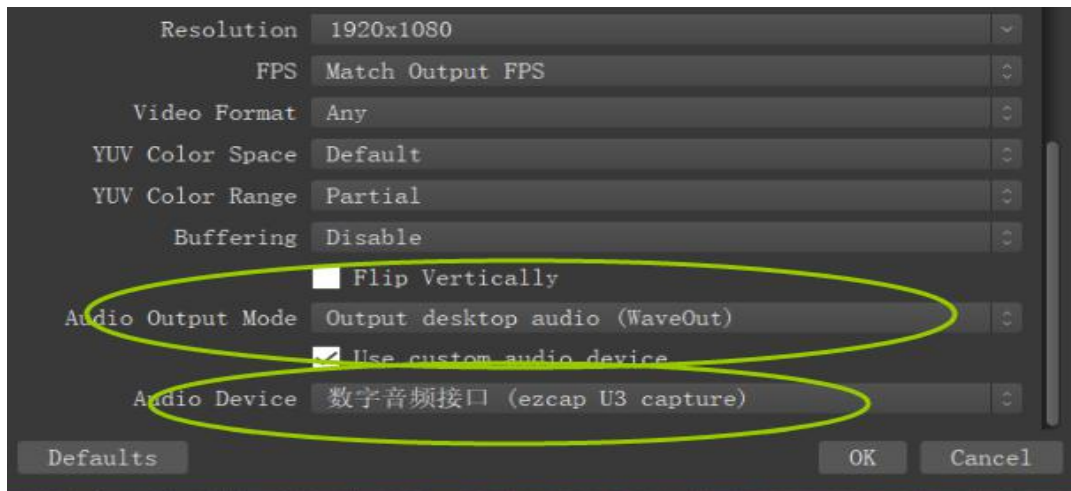
Work with OBS Studio:

1, Go to obsproject.com/download to download OBS Studio according to your computer's operating system, and install it on your computer.

2, Run OBS Studio, Click "+" icon under "Sources" window, and select "Video Capture Device", then select "ezcap U3 capture" in the drop box next to "Device":

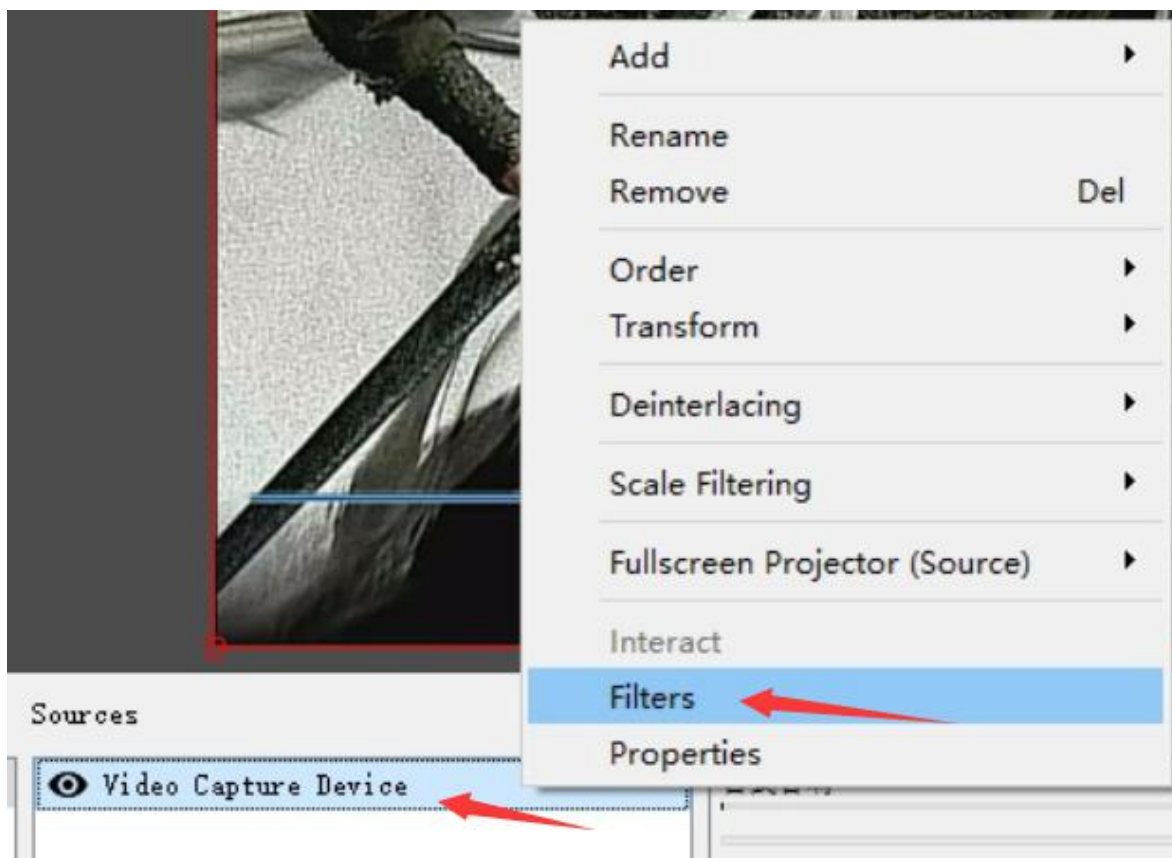


3, At Set Audio Output Mode to “Output desktop audio (WaveOut), Audio Device to “ezcap U3 capture”:

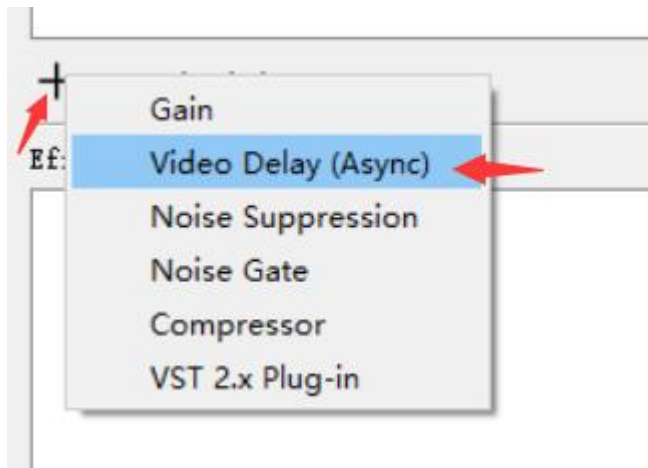


4, Set the video latency for make the audio and video synchronized:

1) Right click “Video Capture Device” then click “Filters”:



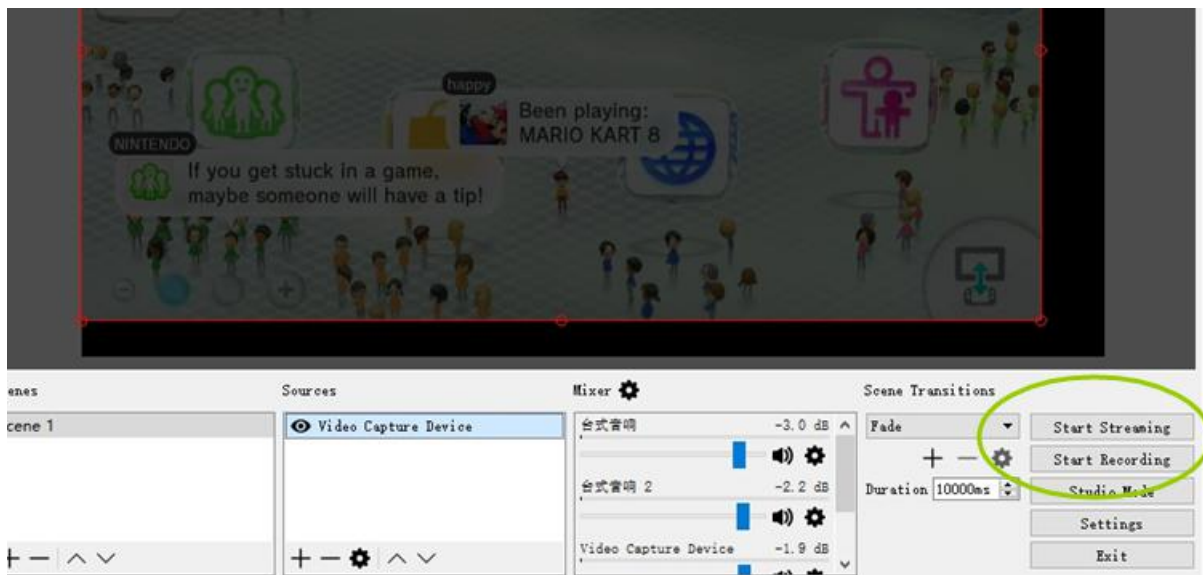
2) Click to add “Video Delay (Async)” :



3) Set it to 470ms (You can adjust it smaller or bigger until you found the audio and video synchronized):

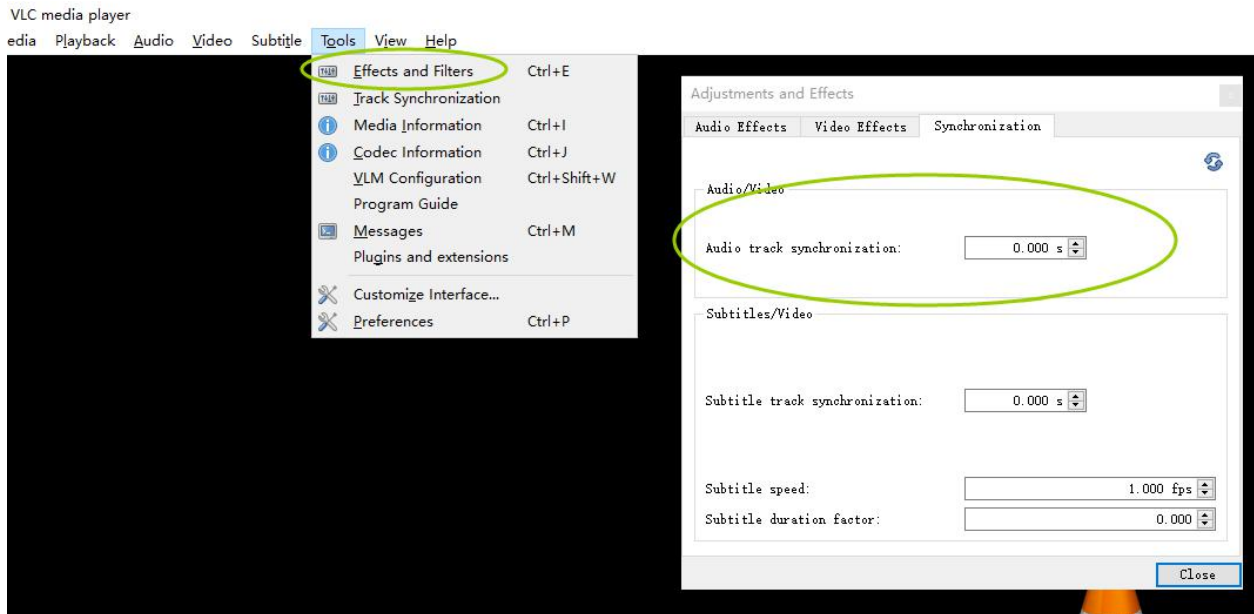


5, Then you can recording or streaming video:

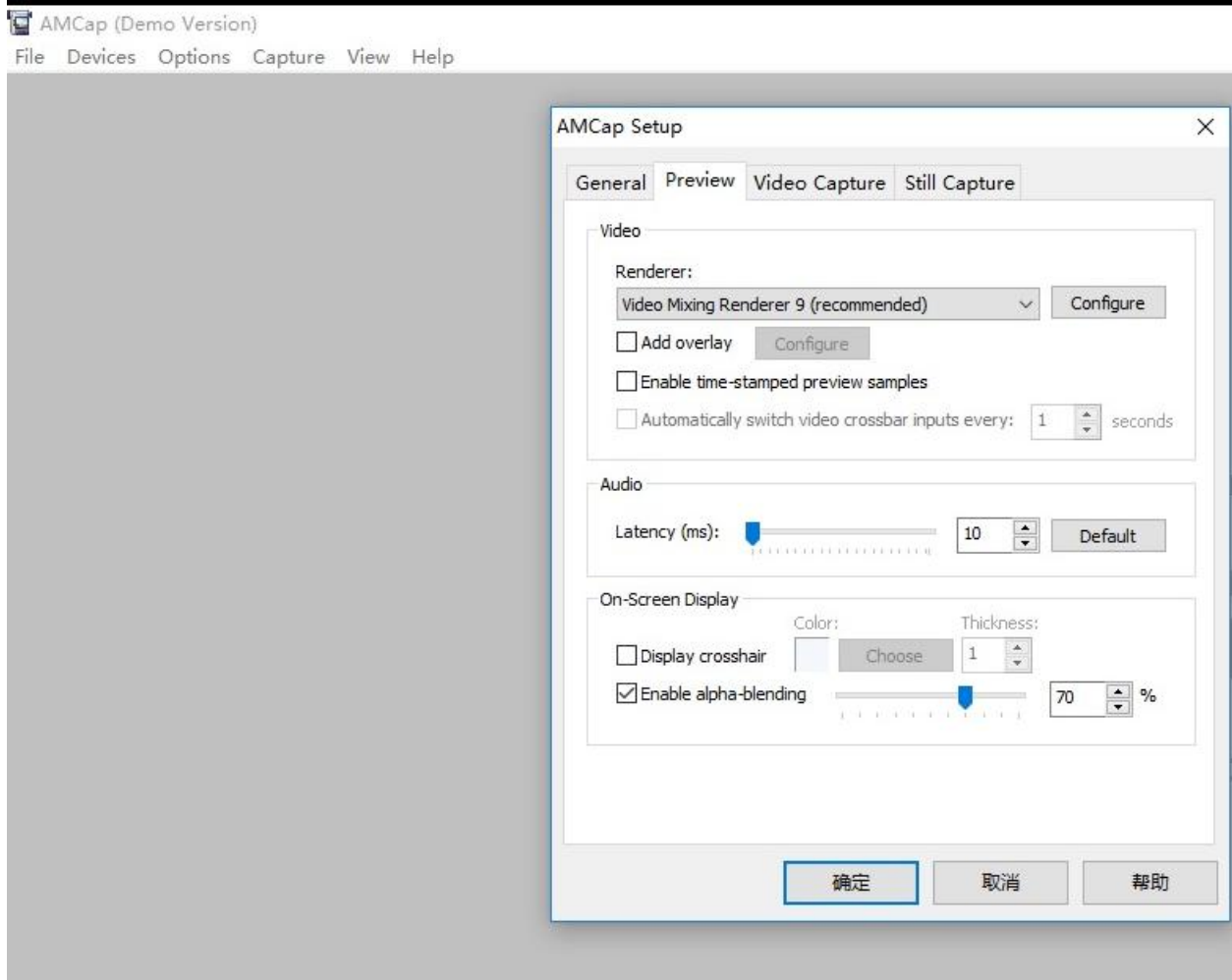


For other applications may also need setting for synchronous problem:

On VLC: Tools—Effects and Filters—Synchronization then adjust the delay value of Audio track synchronization, till audio video synchronous:



On Amcap, Capture---Setup----Preview, set the Audio latency (normally to 10ms):



Work with other applications (e.g. VLC, Media encoder, Protplayer...):
Just run the application then choose capture device to "ezcap U3 capture".

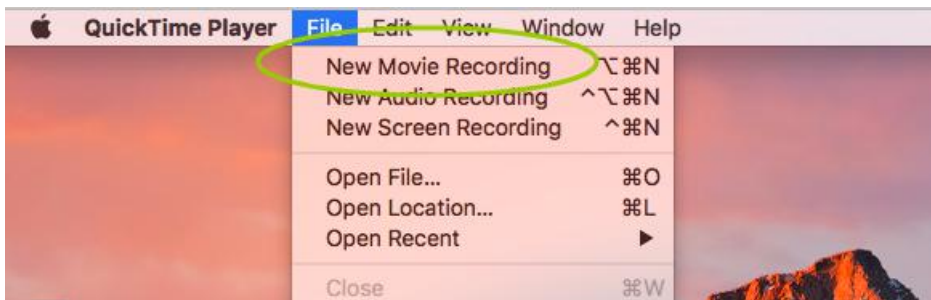
Work on MAC:

Work with OBS Studio:

Download and install OBS studio, then do the same as above on windows.

Work with QuickTime Player:

1, Run QuickTime player, select “New Movie Recording”:



2, Choose “ezcap U3 capture” under Camera and Microphone option:



Work on Linux:

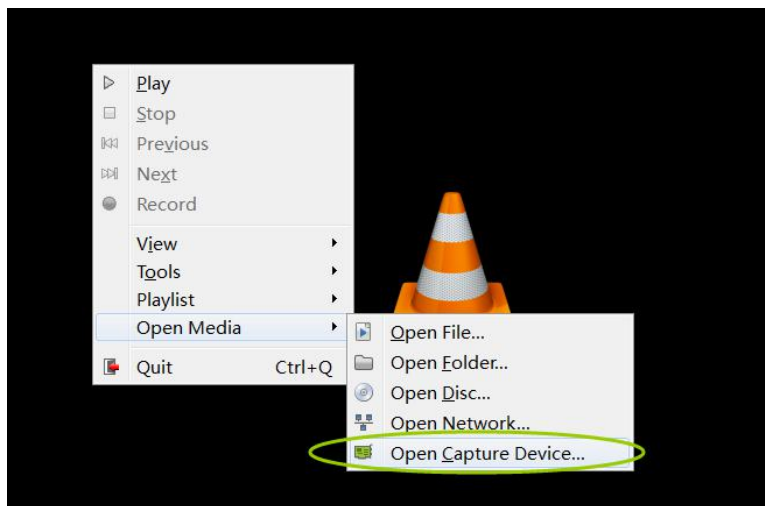
Work with OBS Studio:

Download and install OBS studio, then do the same as above on windows.

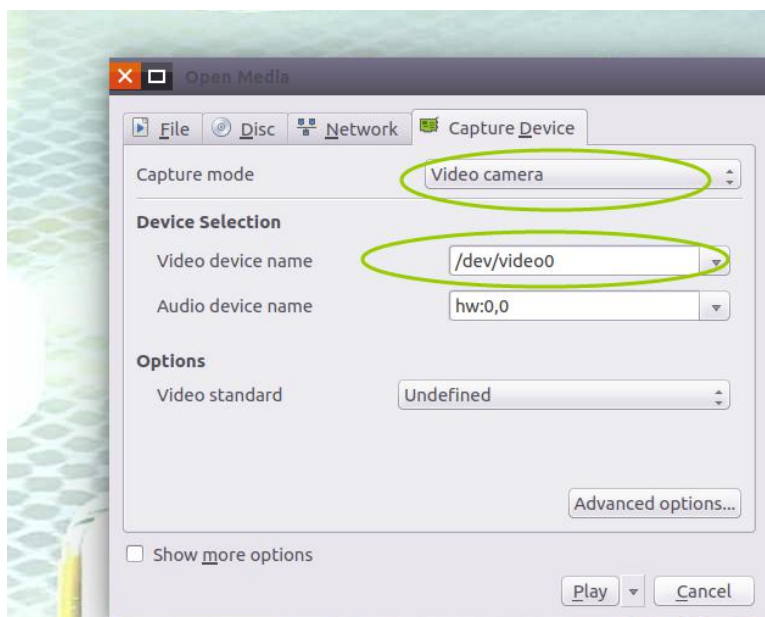
(note: Your Linux should meet OBS requirements)

Work with OBS VLC (shows example for Ubuntu):

1, Right click on window, select “Open Capture Device”:



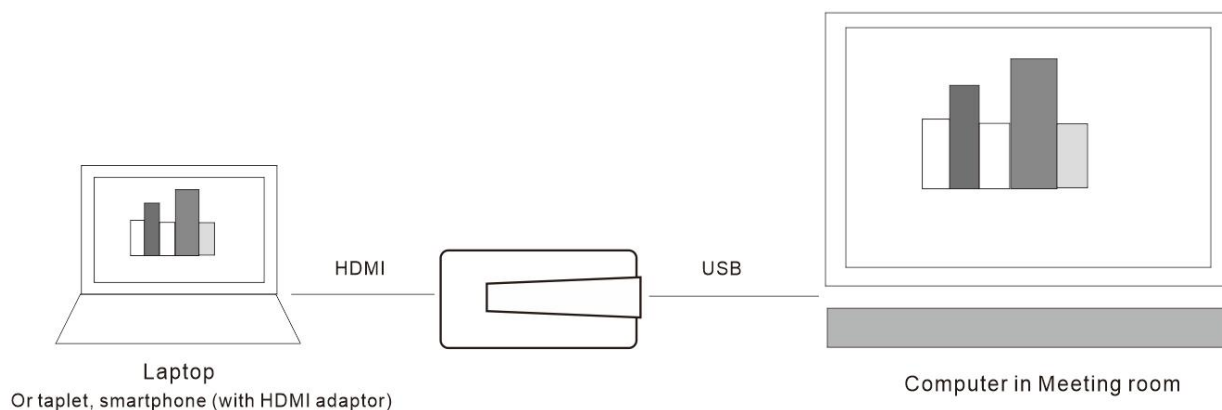
2, Choose "Video camera" ---"/dev/video0" then click "play"



Using as screen sharing for online meeting:

1, First install a application and set it as above (OBS, VLC, etc) on the computer which for meeting (with online meeting App installed, e.g.: Zoom, Skype for Business, WebEx, BlueJeans)

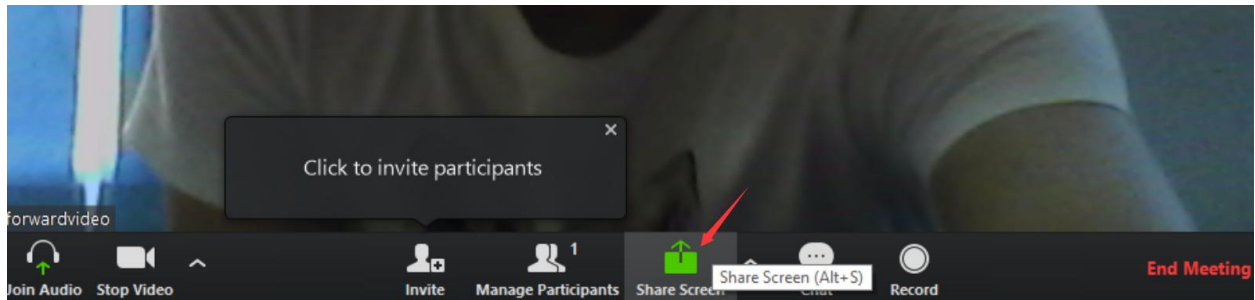
2, Connect the contents laptop via HDMI cable to ezcap264, then USB cable to meeting computer:



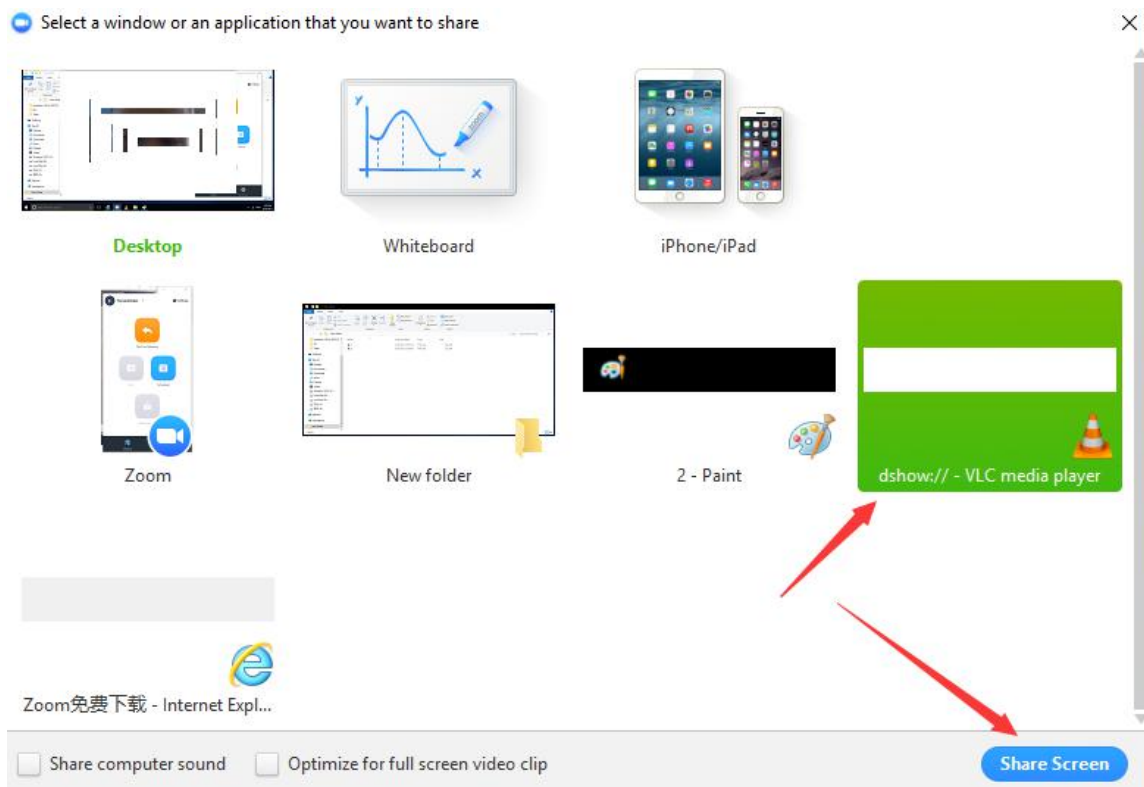
Show example for meeting App “Zoom”:

Use VLC (or other application as mentioned above) open the ezcap U3 capture and get the video of the contents laptop (see the manual above)

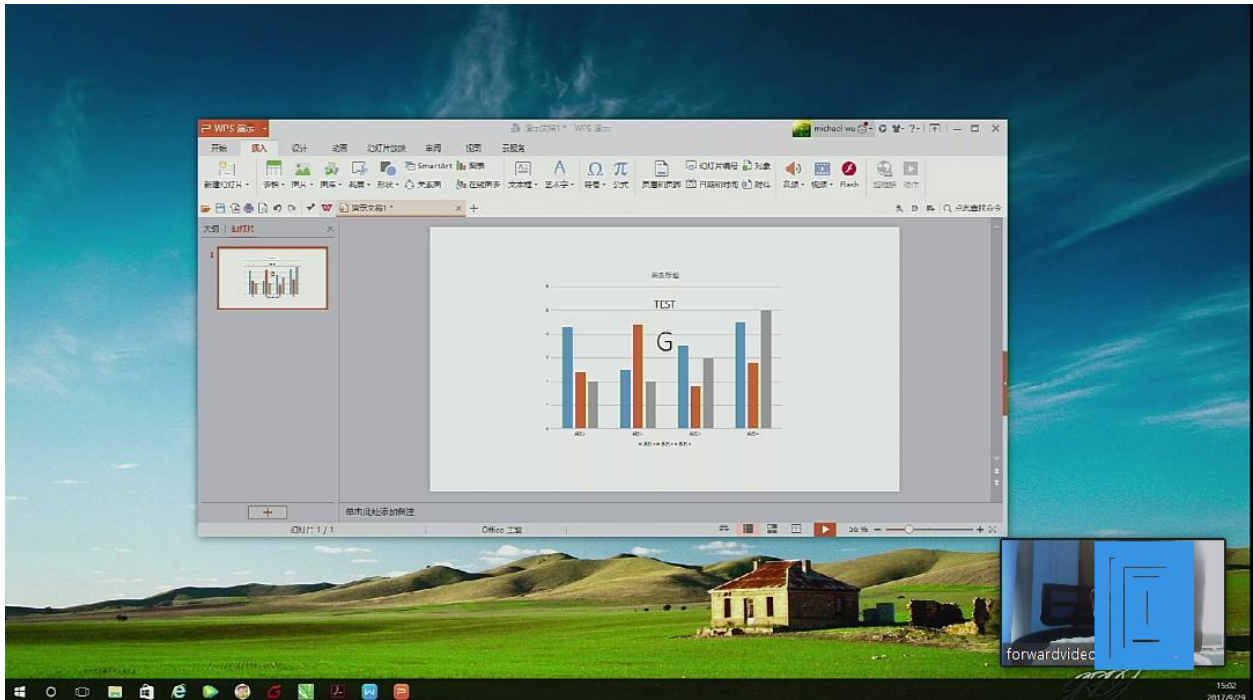
At meeting interface, click “Share Screen”:



Select “VLC Media Player” (or other application you just opened), then click “Share Screen”:



The contents and presenter shows in same time:



Specifications:

Connections

Interface	USB 3.0
Video Input	HDMI X 4
Audio Input	HDMI X 4, 3.5mm microphone input
Video Output	HDMI
Audio Output	HDMI

Hardware Extra

Dimensions	170*100*30MM
Weight	460g

Package Contents

Device	ezcap264 / ezcap264A
Others	5V2A Power supply, remote controller, manual, USB3.0 cable (only for ezcap264)

Standards

System Requirement	Windows 7,8,10, OS X 10.9 or later, Linux. PC: Intel Core i5-3400 + NVIDIA GT630, NB: Intel Core i7-3537U 2.0 GHz + NVIDIA GT735, Mac: i5 quad-core or above, VGA card supporting DirectX 10, Sound card, 4GB RAM, Powered USB 3.0 port: Intel chipset with native USB 3.0 host controller (Renesas, Fresco ...)
Resolution	720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p).
Software compatibility:	OBS Studio (windows, OS X); Windows Media Encoder (Windows); Adobe Flash Media Live -Encoder (Windows, OS X); Real Producer Plus (Windows); VLC (Windows, OS X, Linux); QuickTime Broadcaster (OS X); QuickTime Player (OS X); Wirecast (Windows,OS X); vMix(Windows); Potplayer(Windows)and etc.
Development interface compatibility:	DirectShow (Windows), DirectSound (Windows),V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
Record Quality	Max 1080P 60fps