

---

# 4 channel video Multi-viewer

## USB3.0 HDMI capture

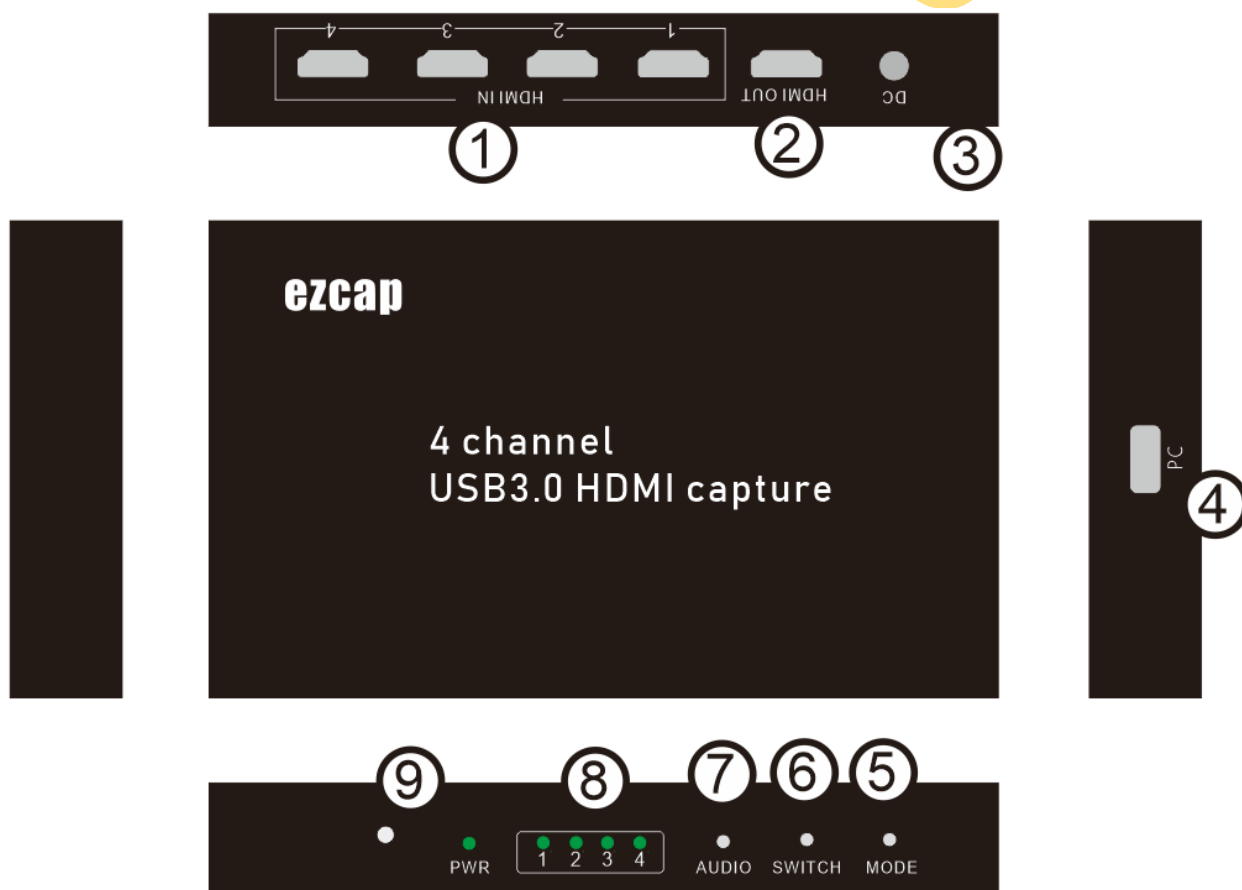
### Quick Start Guide

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:



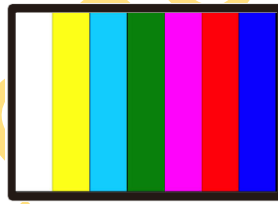
One channel view mode



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

### Remote controller



Quad-View



Quad-View (1+3)



Dual-View(PIP)





One-View, press again to switch channels

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.

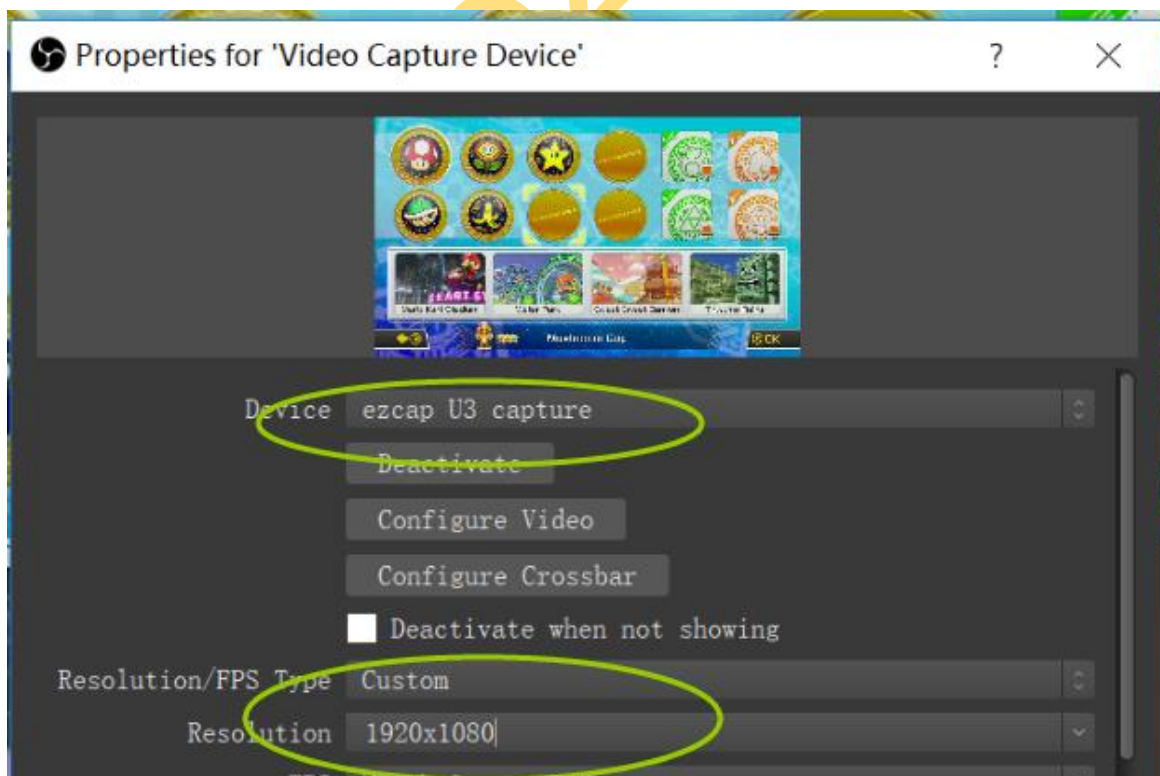
For ezcap264, you can connect to PC with an USB3.0 cable, so can capture or stream video, Following is the manual for ezcap264. (no need read down for ezcap264A)

## Work on windows

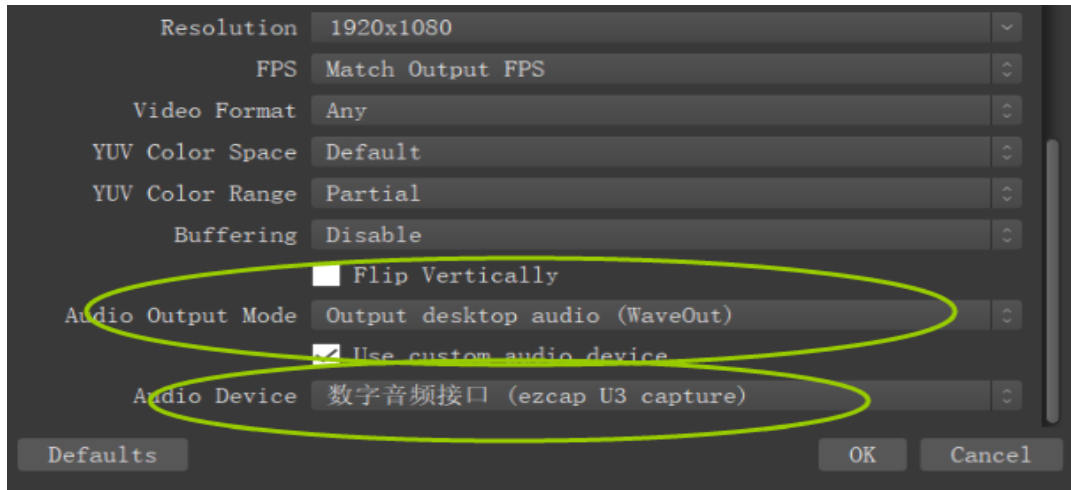
### Work with OBS Studio:

1, Go to [obsproject.com/download](https://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":

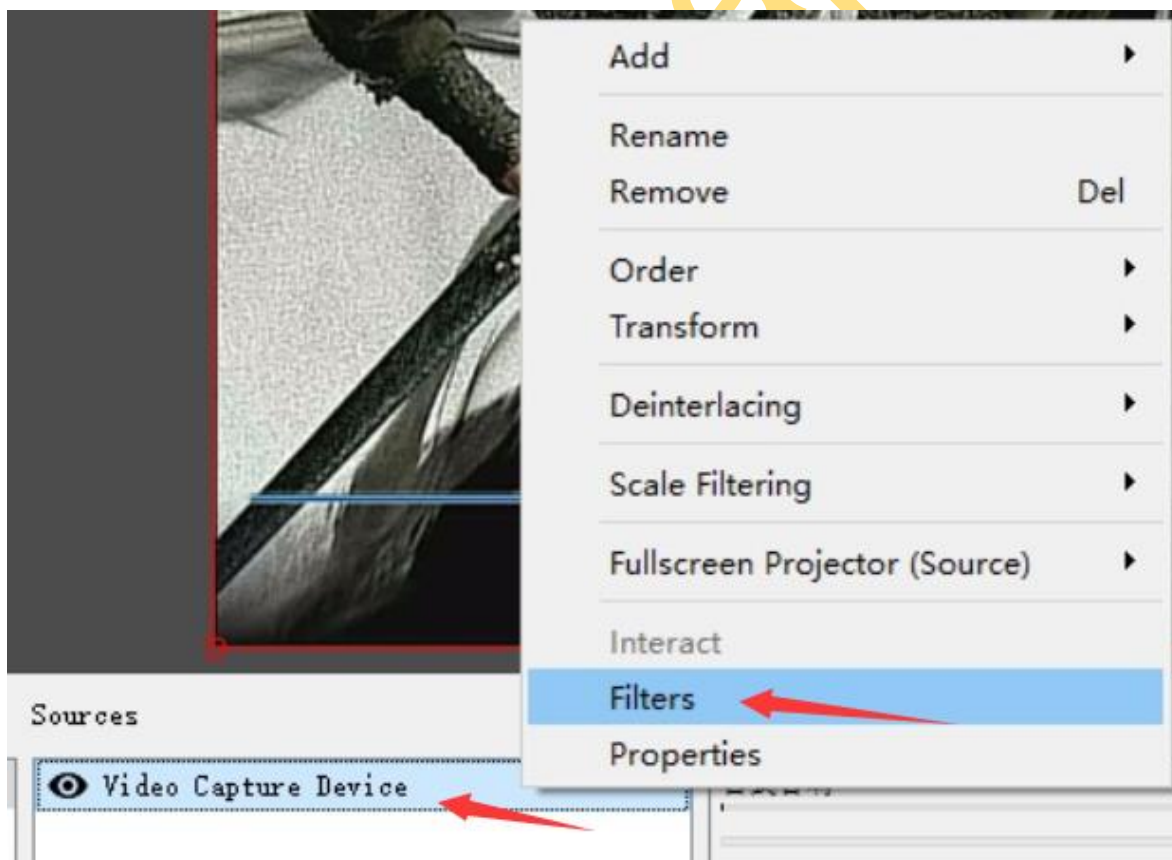


3, At Set Audio Output Mode to “Output desktop audio (WaveOut), Audio Device to “ezcap U3 capture”:

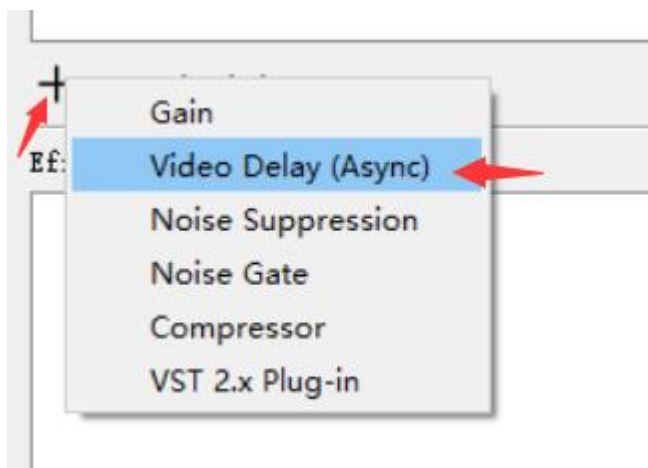


4, Set the video latency for make the audio and video synchronized:

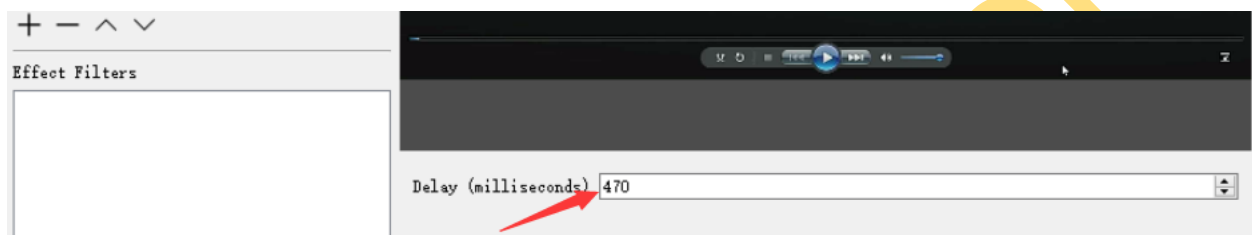
1) Right click “Video Capture Device” then click “Filters”:



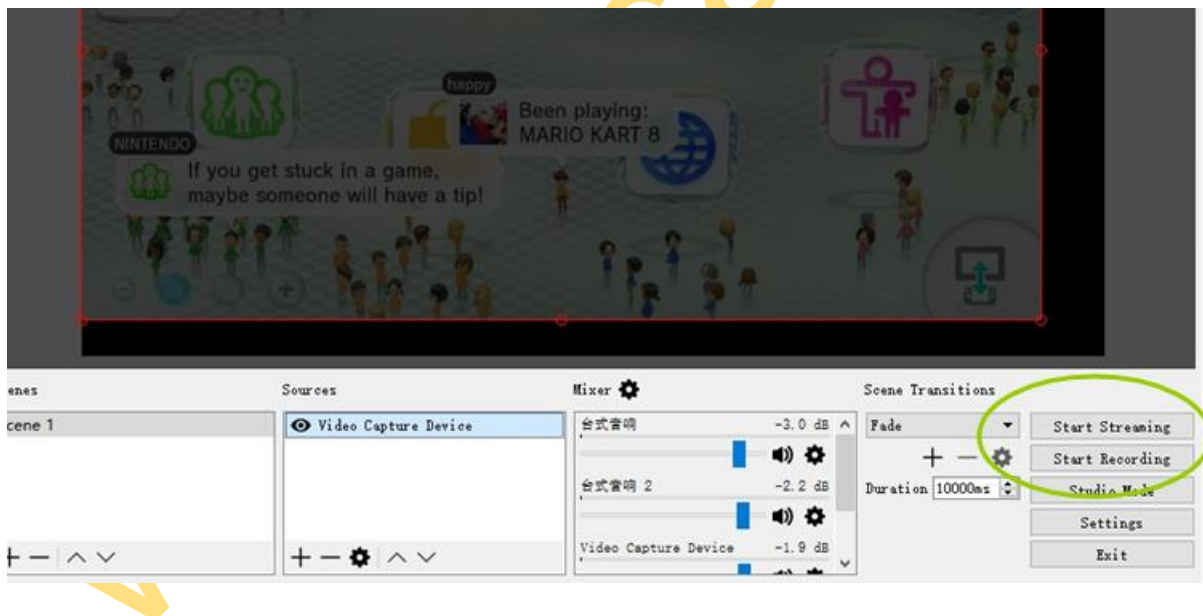
2) Click to add “Video Delay (Async)” :



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

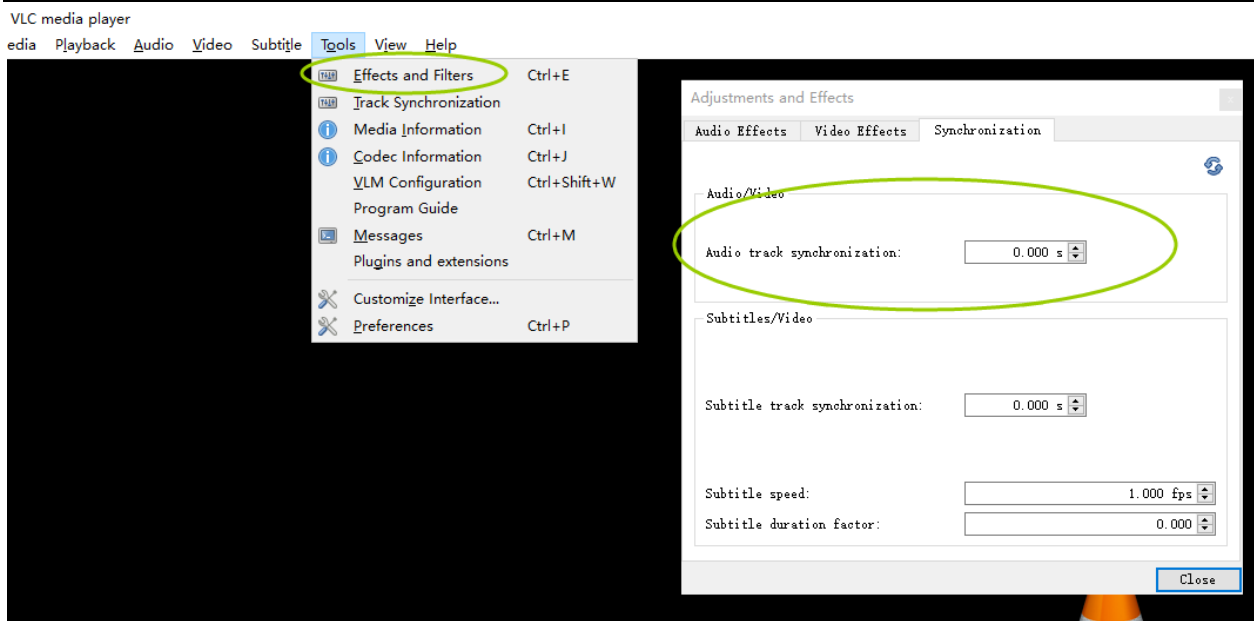


5, Then you can recording or streaming video:

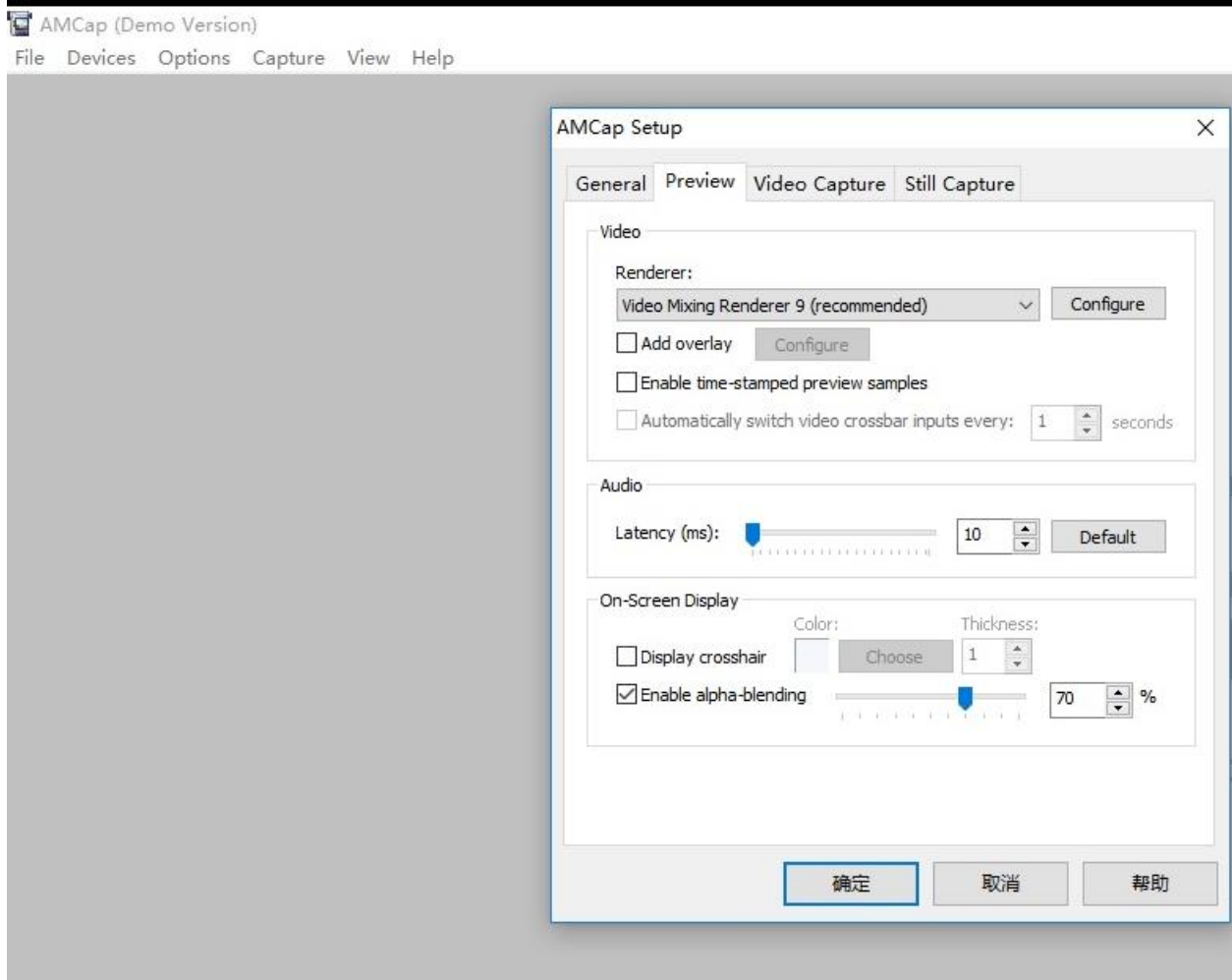


For other applications may also need setting for synchronous problem:

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".



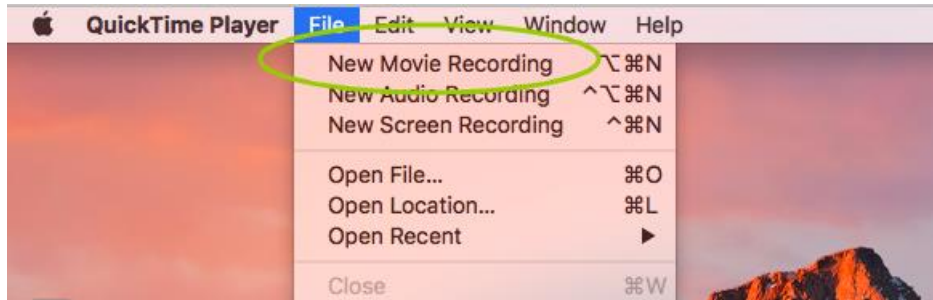
## Work on MAC:

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:

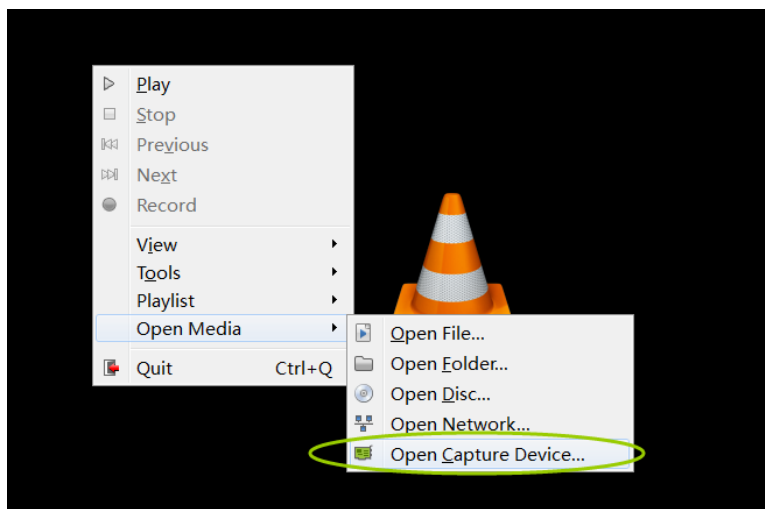
Work with OBS Studio:

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

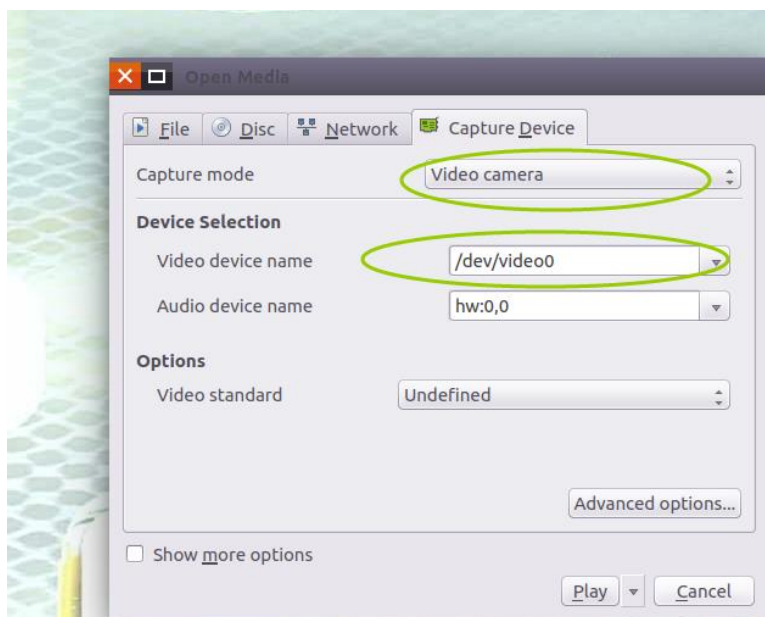
**(note: Your Linux should meet OBS requirements)**

Work with OBS VLC (shows example for Ubuntu):

1, Right click on window, select "Open Capture Device":



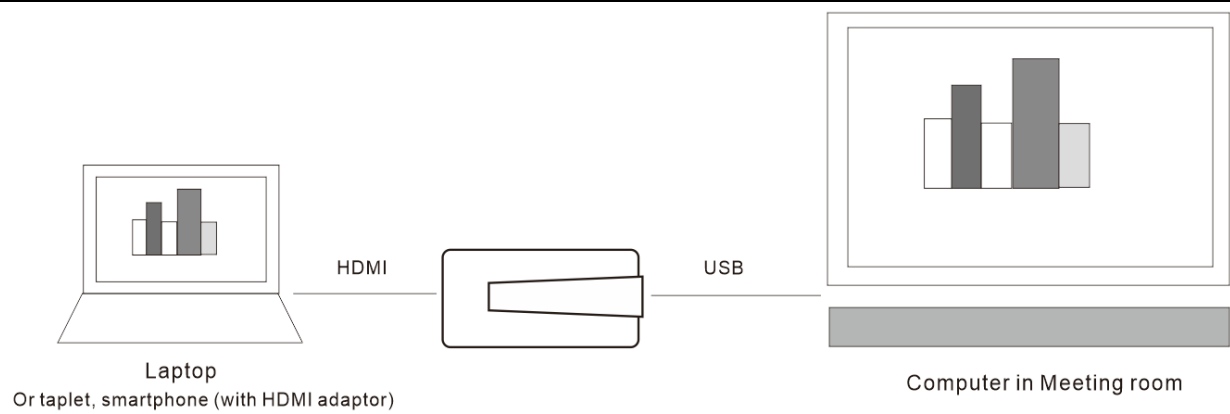
2, Choose "Video camera" ---"/dev/video0" then click "play"



## 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 ezc264, then USB cable to meeting computer:

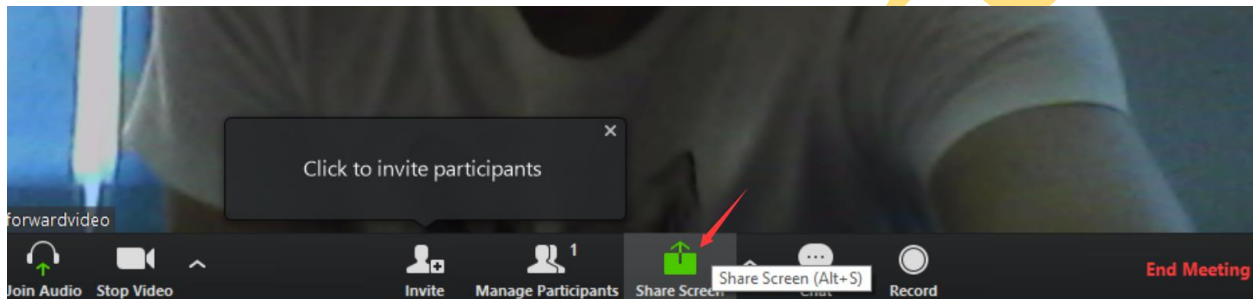




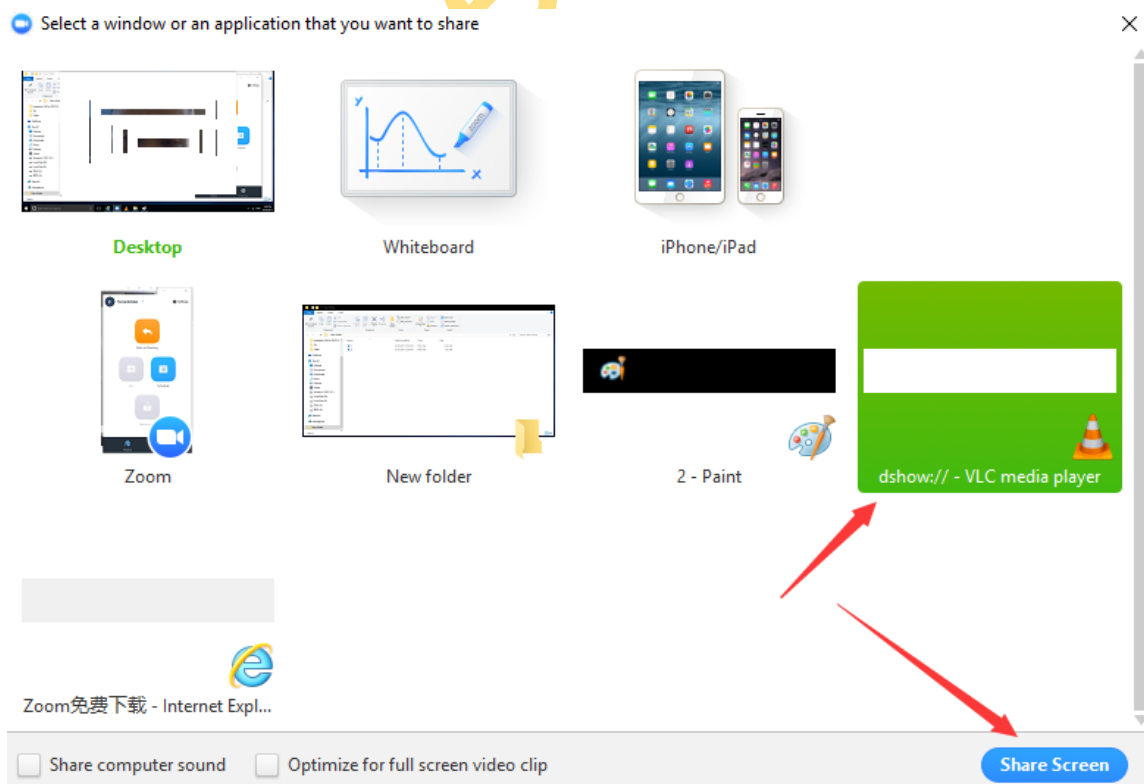
### Show example for meeting App “Zoom”:

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

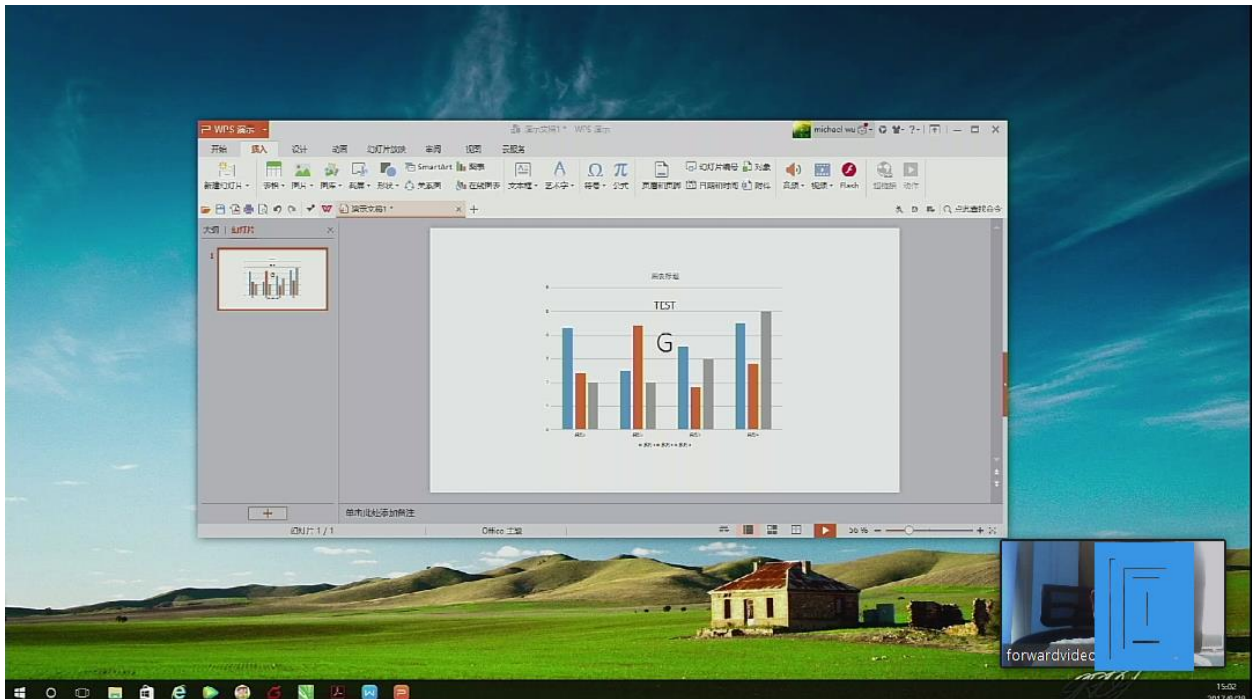
At meeting interface, click “Share Screen:



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
Video Output	HDMI
Audio Output	HDMI

### Hardware Extra

Dimensions	170*100*30MM
------------	--------------

<b>Weight</b>	460g
---------------	------

### Package Contents

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

### Standards

<b>System Requirement</b>	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 ...)
<b>Resolution</b>	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).
<b>Software compatibility:</b>	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.
<b>Development interface compatibility:</b>	DirectShow (Windows), DirectSound (Windows),V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
<b>Record Quality</b>	Max 1080P 60fps

---

# 4 路 HDMI 画面分割器 USB3.0 4 路采集直播器 使用指南

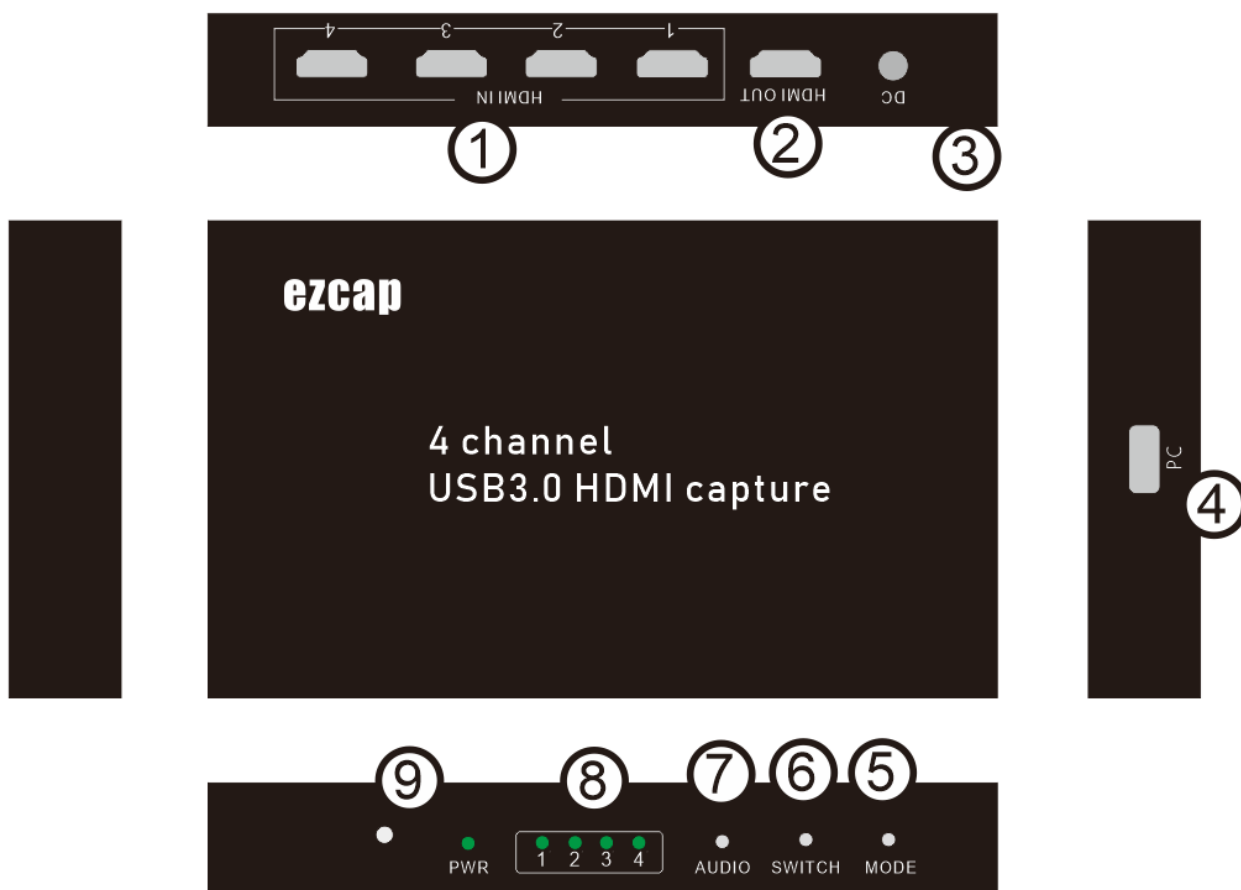
非常感谢您购买我司研发生产的 ezcap264A 4 画面分割器，或 USB3.0 4 路采集直播器，下述内容详细说明如何使用和设置该产品，希望这款产品给你带来美好的使用体验！

使用 ezcap264/ezcap264A，可对 4 路 HDMI 输入画面在同一显示器显示，并能无缝切换。

使用 ezcap264 还可以通过电脑进行录制或直播

## 产品特征:

ezcap264/ezcap264A 接口图



1. INPUT – 通过 HDMI 线连接视频源
2. OUTPUT –通过 HDMI 线连接到电视机
3. DC – 5V2A 直流供电
4. USB3.0 – 通过 USB3.0 线连接到电脑  
注: **ezcap264A** 没有此接口
5. MODE – 在单画面模式及多画面模式间切换:



单画面模式

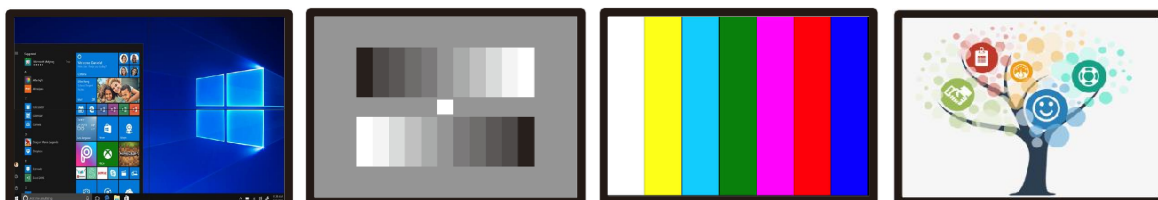


多画面模式

#### 6. SWITCH:

当设置机器为单画面模式时, 切换此按键在 4 个单画面间轮流切换

CH1, CH2, CH3, CH4



当处于多画面显示模式时，此按键将在多画面显示模式间切换：



4 画面模式

4 画面模式(1+3)




2 画面（画中画模式）

7. AUDIO – 切换预览的音频通道

8. LEDs – 1~4 显示对应的 HDMI 输入通道. PWR 为电源指示灯

9. 遥控接收头

### 遥控器

 4 画面模式     4 画面模式 (1+3)     2 画面（画中画模式）

 单画面模式，再次按下会在单画面间切换

音频通道 1, 2, 3, 4 – 分别对应相应的音频通道



## 画面分割操作:

给机器上电

视频源分别接入 HDMI IN 输入口

HDMI OUT 接到电视机

使用按键或遥控器进行相应的切换。

如果型号为 ezcap264，还可以通过 USB 线连接到电脑进行采集或直播

以下为连接电脑采集直播视频的使用说明（如果是 ezcap264A 则无需浏览下述内容）

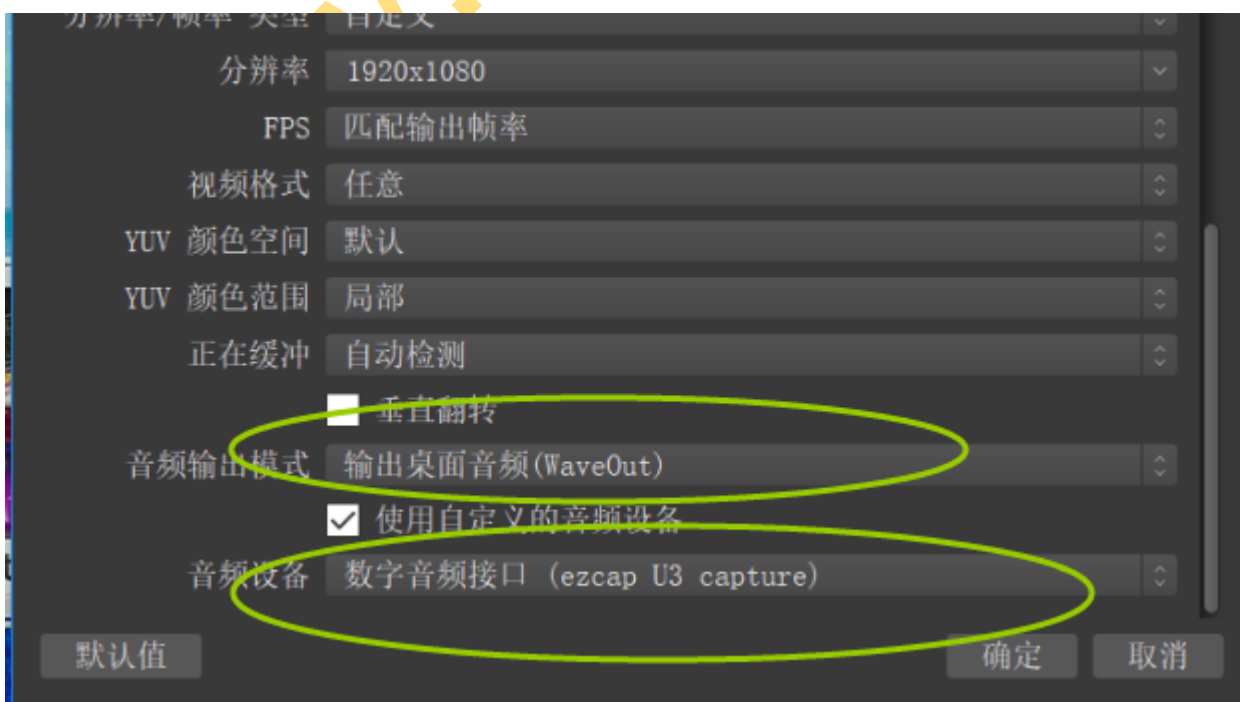
## Windows 系统操作说明

与 OBS Studio 软件配合使用：

1, 请去 [obsproject.com/download](https://obsproject.com/download) 链接，并根据电脑操作系统下载对应的 OBS Studio 安装程序，并根据安装程序提示安装。

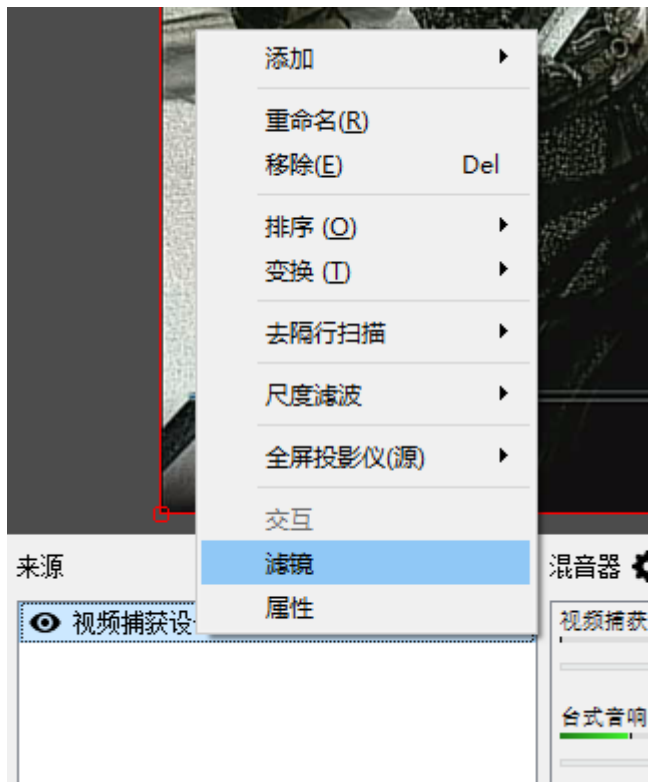


2, 双击打开 OBS Studio 软件, 点击“来源”窗口下的“+”图标, 在出来的画面里点击“视频捕获设”。在“设备”旁的下拉框里选择“ezcap U3 capture”, 在“音频输出模式”旁下拉框里选择“输出桌面音频(WaveOut)”, “音频设备”旁的下拉框里选择“数字音频接 (ezcap U3 capture)”, 并点击“确定”。

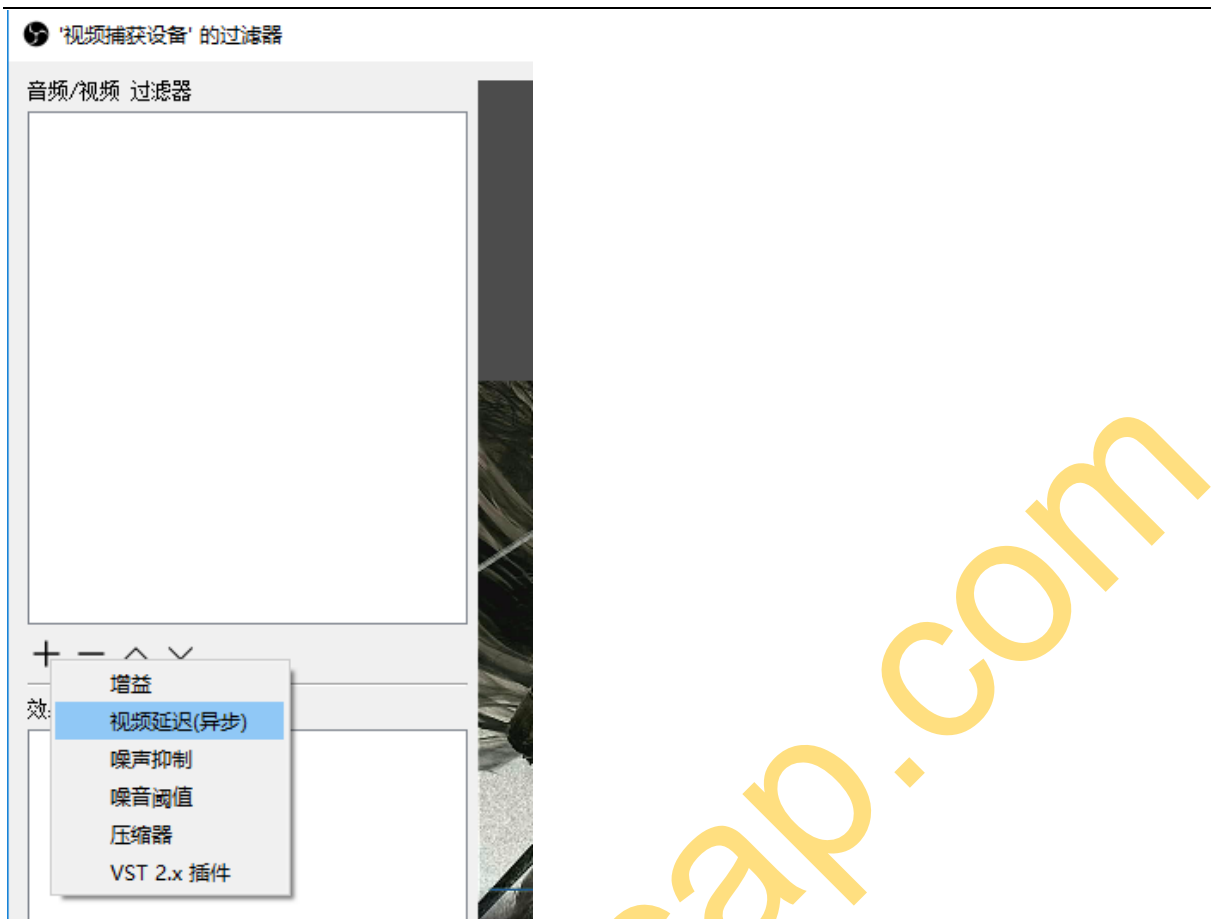


3, 为了使音视频同步, 设置视频延迟。

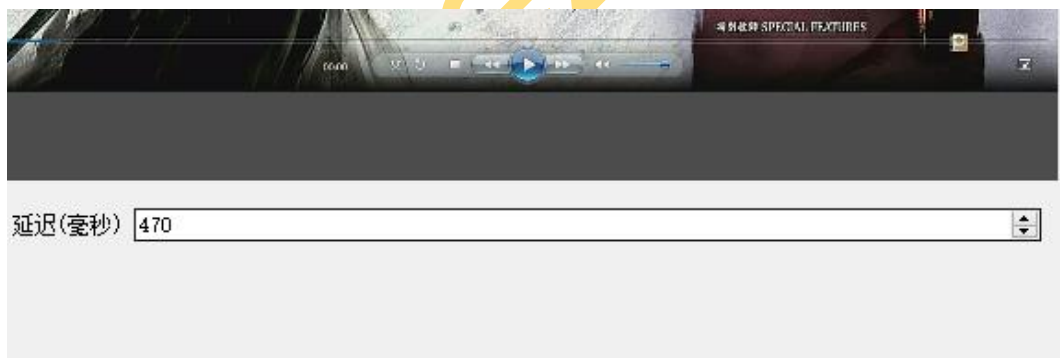
-右击"视频捕获设备", 选择"滤镜"。



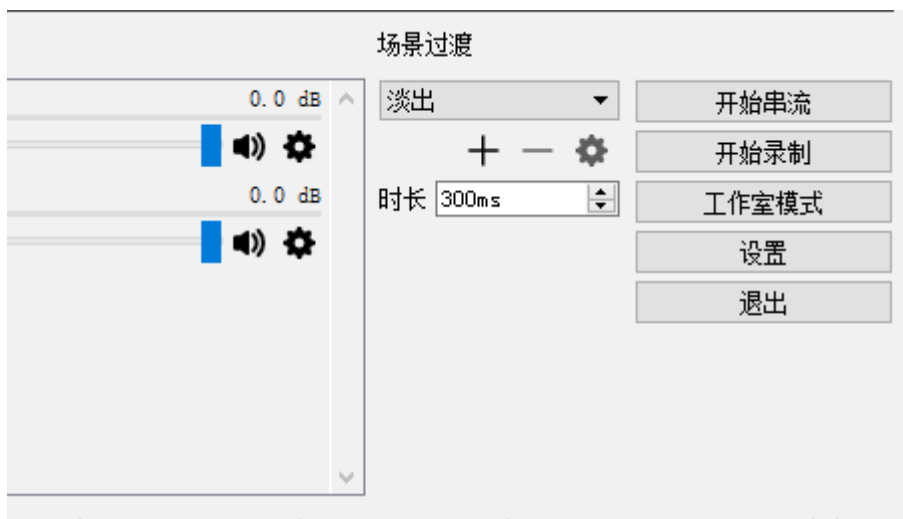
-在弹出的视窗中, 点击"+"后选择"视频延迟(异步)"。



-在新弹出的对话框里输入 470ms。(你需根据情况自行调整数值大小，直至发现音视频同步为止)

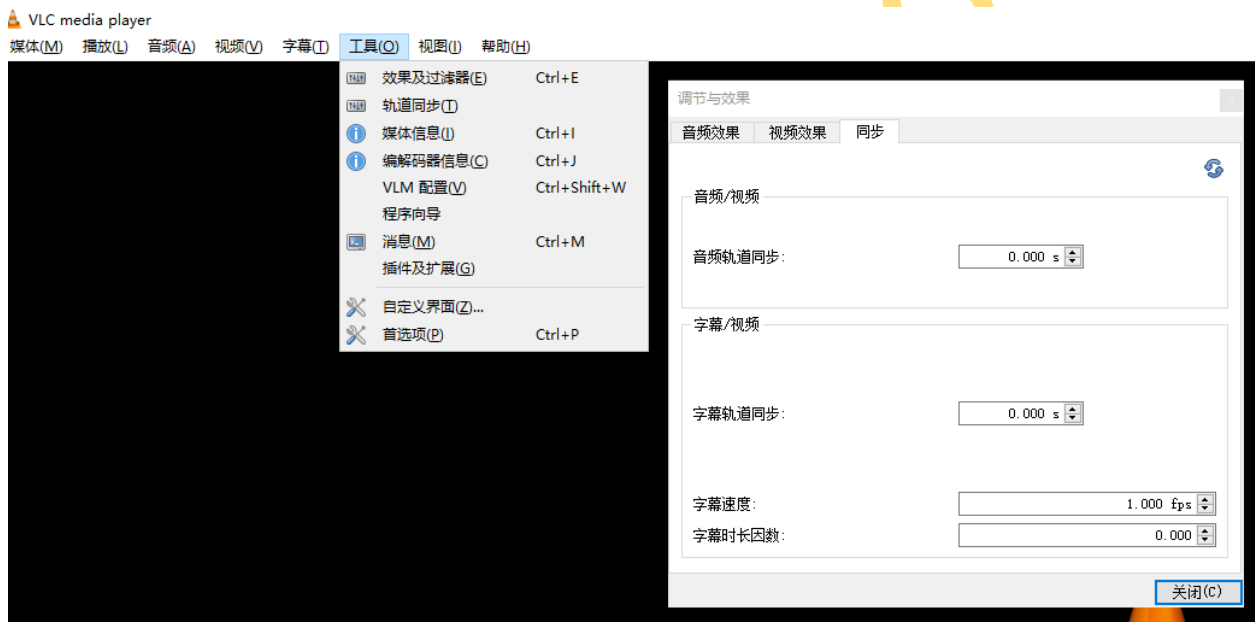


4, 现在你就可以开始录制或者串流你的高清视频了。

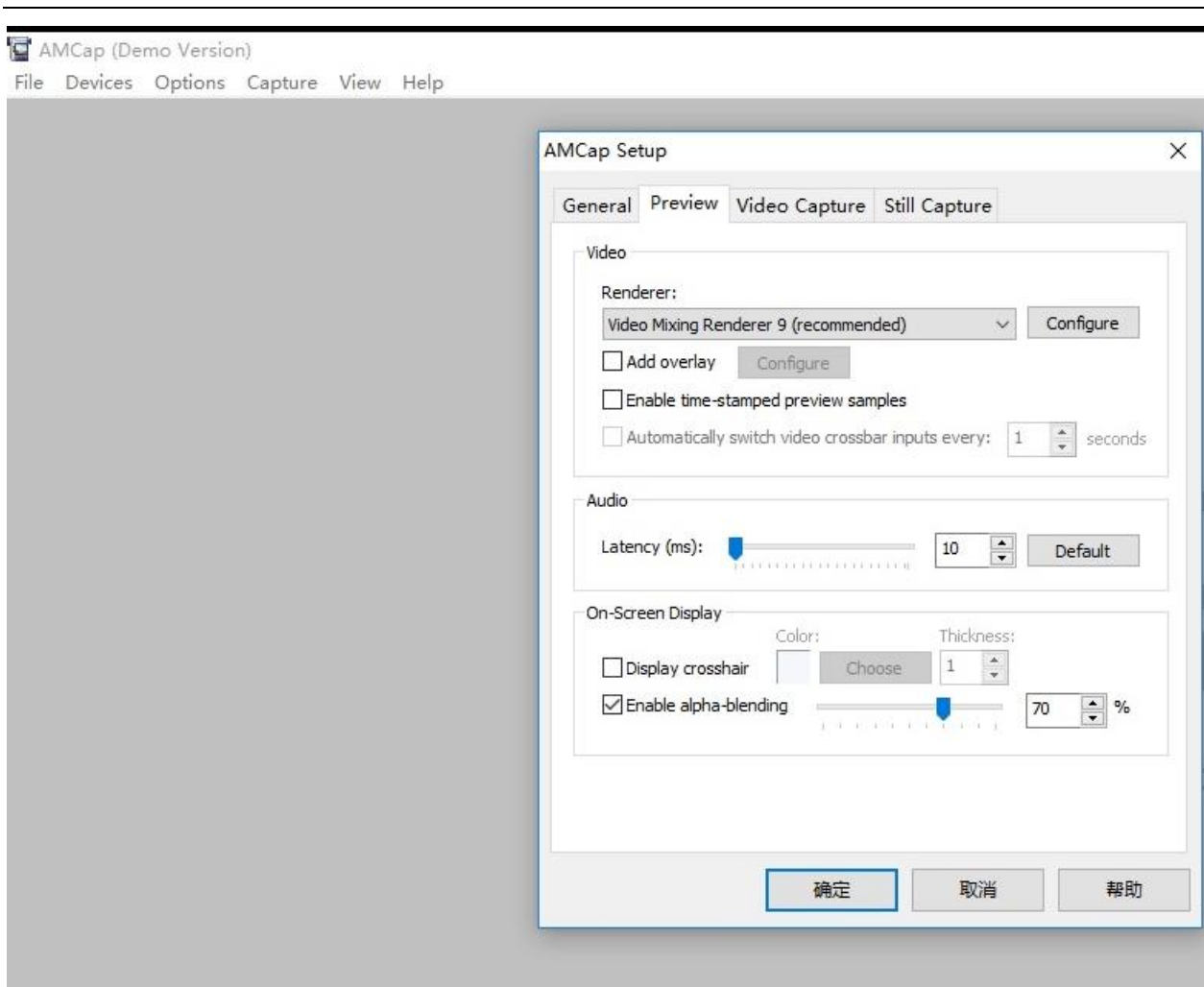


对于其他的应用软件也会遇到同步问题，也需要作类似的设定：

如 **VLC**:在工具—效果及过滤器---同步，设定音频轨道同步的延时值，直到音视频同步。



对于 Amcap, 在 Capture—Setup---Preview, 设置 Audio Latency 到 10ms:



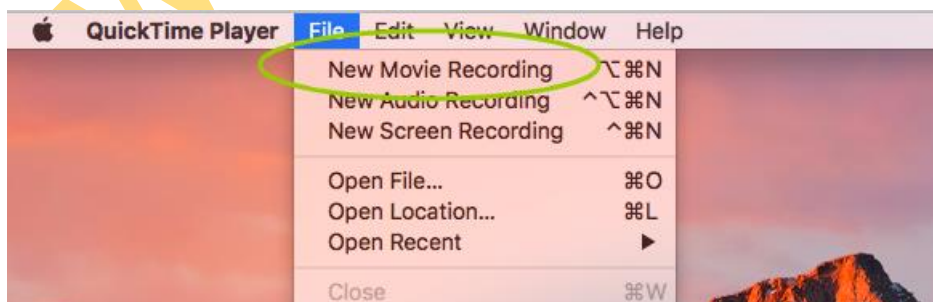
如果你想与其它第三方应用软件配合使用（比如 VLC, Media encoder, Protplayer...），只要选择该软件的采集设备为“ezcap U3 capture”即可。

## MAC 系统操作说明

配合 OBS Studio 使用，与 Windows 使用说明相同。

配合 QuickTime Player 使用说明：

1, 运行 QuickTime player, 点击“File”图标选择“New Movie Recording”:



2, 在相机和麦克风选项下分别选择“ezcap U3 capture”：



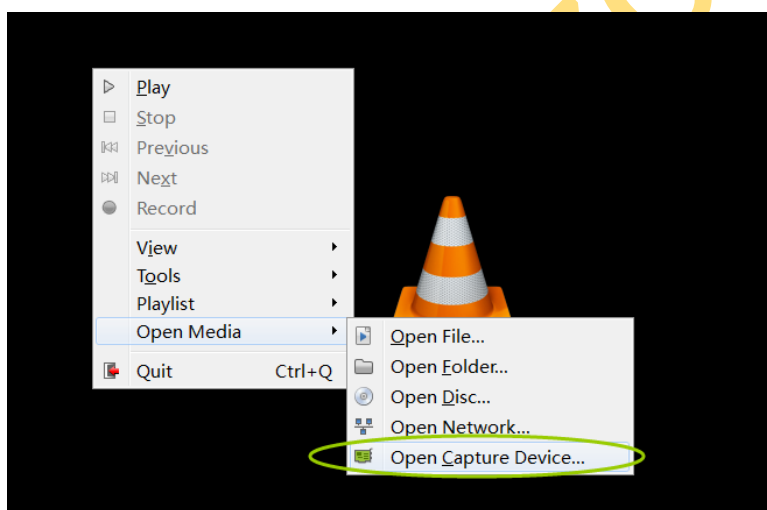
## Linux 系统使用说明

配合 OBS Studio 使用，通 Windows 使用说明相同。

(注: 您的 Linux 系统配置一定要符合 OBS Studio 运行要求)

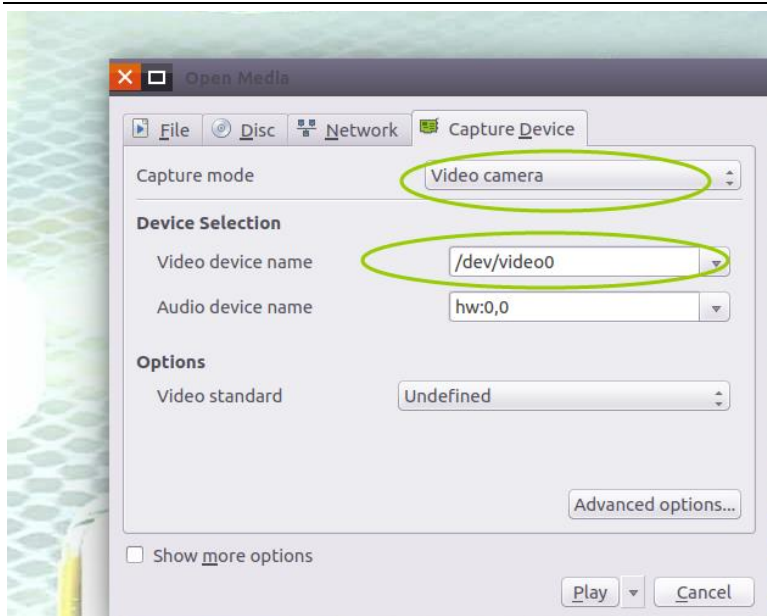
配合 VLC 软件使用说明(以 Ubuntu 举例):

1, 打开软件，在窗口下右击后选择“Open Capture Device”。



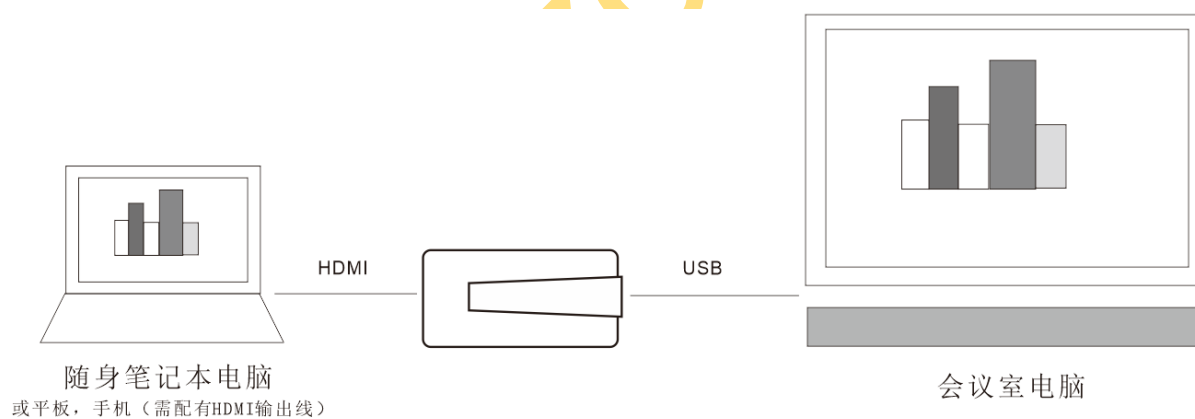
2, 在“Capture Device”项目下，选择“Video camera” ---“/dev/video0” then click “play”





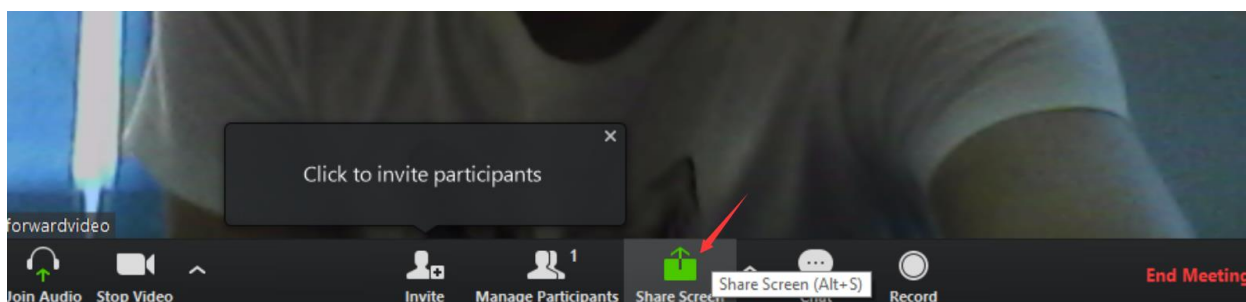
## 用于视频会议分享:

- 1, 首先下载并安装视频录制软件(OBS, VLC 等), 安装在用于视频会议的电脑上 (安装有视频会议软件: Zoom, Skype for Business, WebEx, BlueJeans)
- 2, 将要分享内容的笔记本通过 HDMI 连接到 ezcap264 通过 USB 连接到视频会议的电脑:

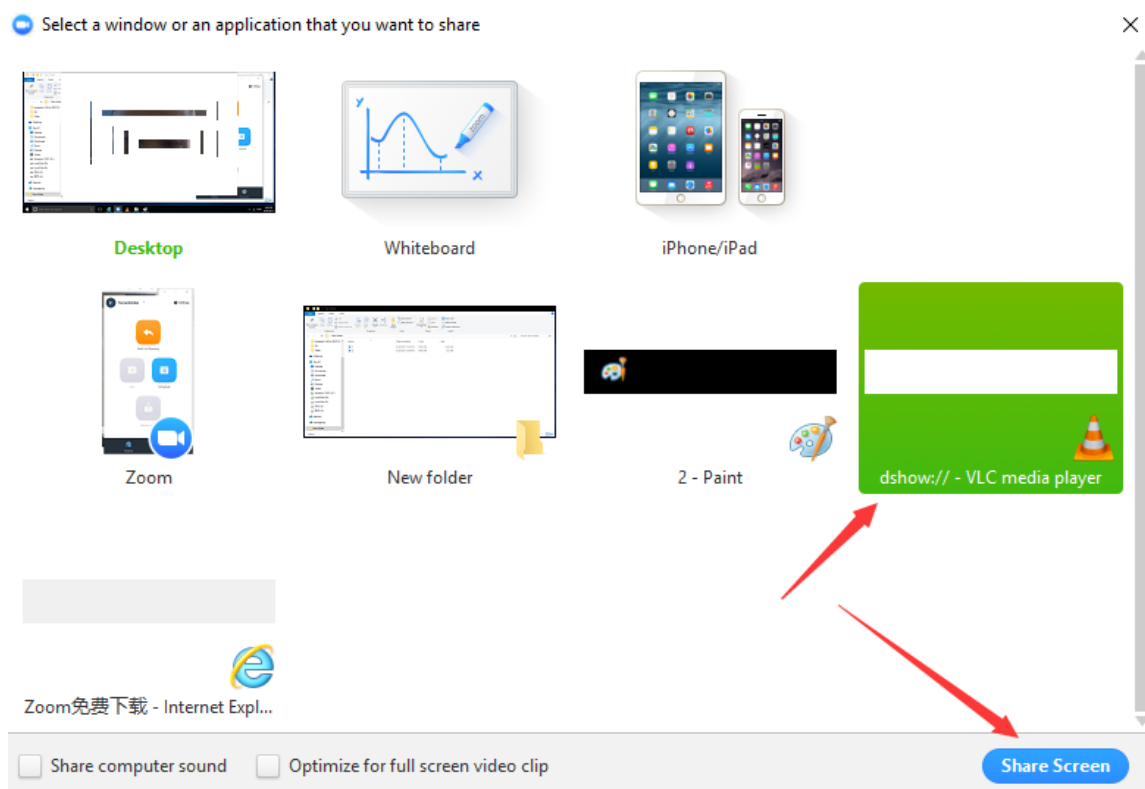


### 以“Zoom”来举例:

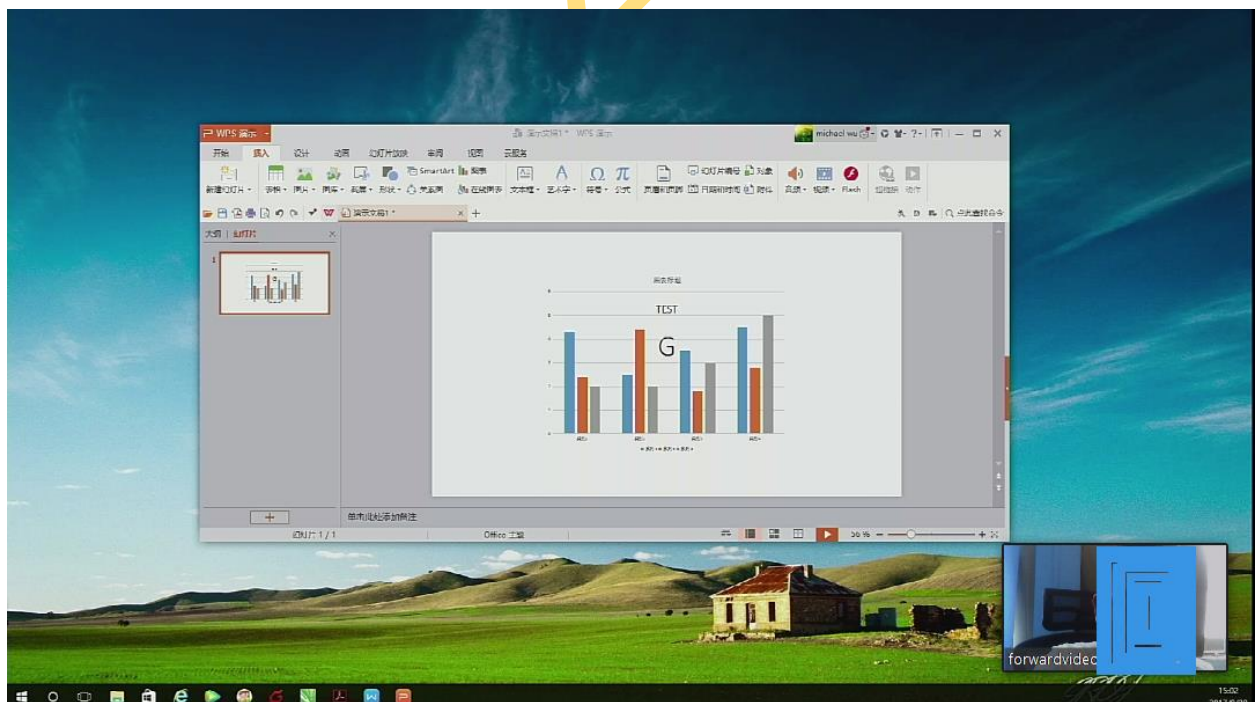
用 VLC(或其他如 OBS 等应用软件) 打开 “FHD Capture”并设置得到视频 (如上操作)  
在视频会议界面, 点击“Share Screen:



选择“VLC Media Player” (或其他的打开 ezcap U3 capture 的软件), 然后点击“Share Screen”:



演示者和演示内容可以同时展示:



产品规格参数:

## 接口连接

界 面	USB 3.0
视频输入	HDMI X 4
音频输入	HDMI X 4
视频输出	HDMI
音频输出	HDMI

## 硬件规格

尺寸	170(长) X 100(宽) X 30(高) 毫米
重量	460 克

## 包装内容

设备	ezcap264 / ezcap264A
其它	5V2A 电源适配器, 遥控器, 使用指南, USB3.0 线材 (仅适合 ezcap264)

## 规格参数

系统要求	Windows 7,8,10, Mac OS X 10.9 或以上, Linux。台式机: Intel Core i5-3400 + NVIDIA GT630, 笔记本: Intel Core i7-U 2.0 GHz + NVIDIA GT735, Mac: i5 quad-core 或以上, 显卡兼容于 DirectX 10, 声卡, 4GB RAM, USB 3.0 供电: 内置 USB 3.0 控制器的英特尔芯片组 (Renesas, Fresco 等)
支持分辨率	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)输入及 by pass
支持第三方软件	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.
采集质量	最高 1080P 60 帧

www.ezcap.com