
HD 1080 60 VideoCapture

Quick Start Guide

Thanks for purchasing ezcap269 HD gaming streaming. The following guides you how to set up. Hope this device will bring you nice digital experience.

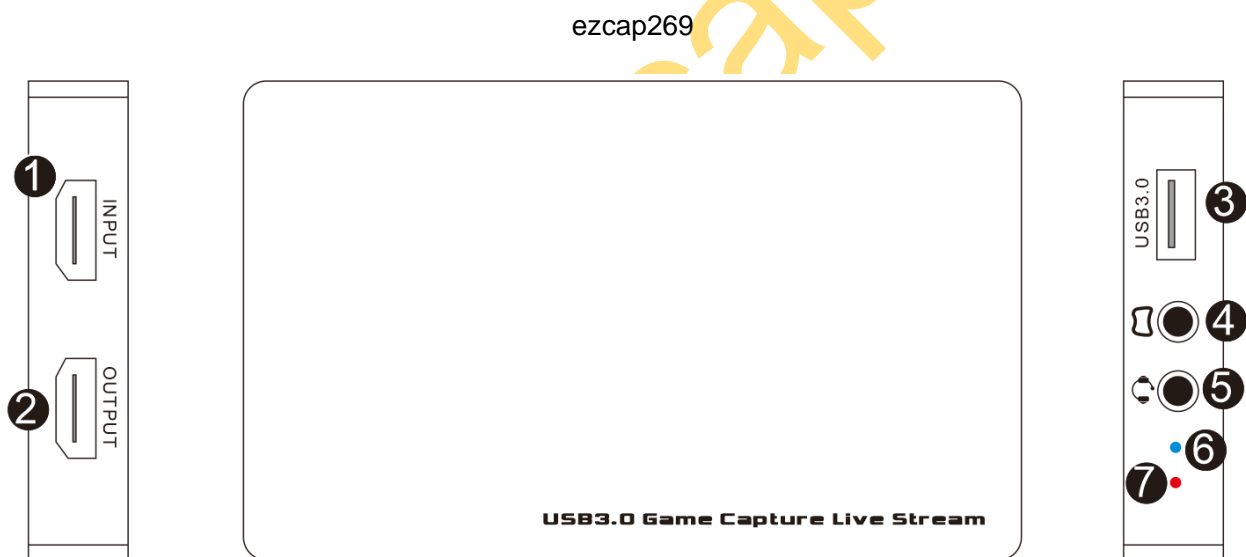
With ezcap269 Full HD 1080 60 game capture, just plug to your PC (Windows, Mac, Linux),no need install driver, you can use any 3rd party software to capture or stream your HD game, or other HD video source.

Ezcap269 support 4K 60 HDMI in and Output, and capture/live stream full HD 1080 60 video.

With gamepad audio input, and microphone input, gamer can record (steaming) team chat.

It also can be used as a screen sharing device for internet meeting, easily sharing presenting slides, spreadsheets, documents, and video recordings into online meetings.

Features:



1. INPUT – Connect video source with HDMI cable

2. OUTPUT – Connect to TV with HDMI cable

3. USB3.0 – Connect to computer with USB3.0 cable

4.Gamepad –Connect from gamepad audio output with 3.5mm audio cable

5.Headset – Connect a headset or any mobile phone's earphone, with earphone output and microphone input

6 Blue LED – Keep on when HDMI input connected

7 Red LED – Power and status, keep on when power on, flash when working

Work on windows

Work with OBS Studio:

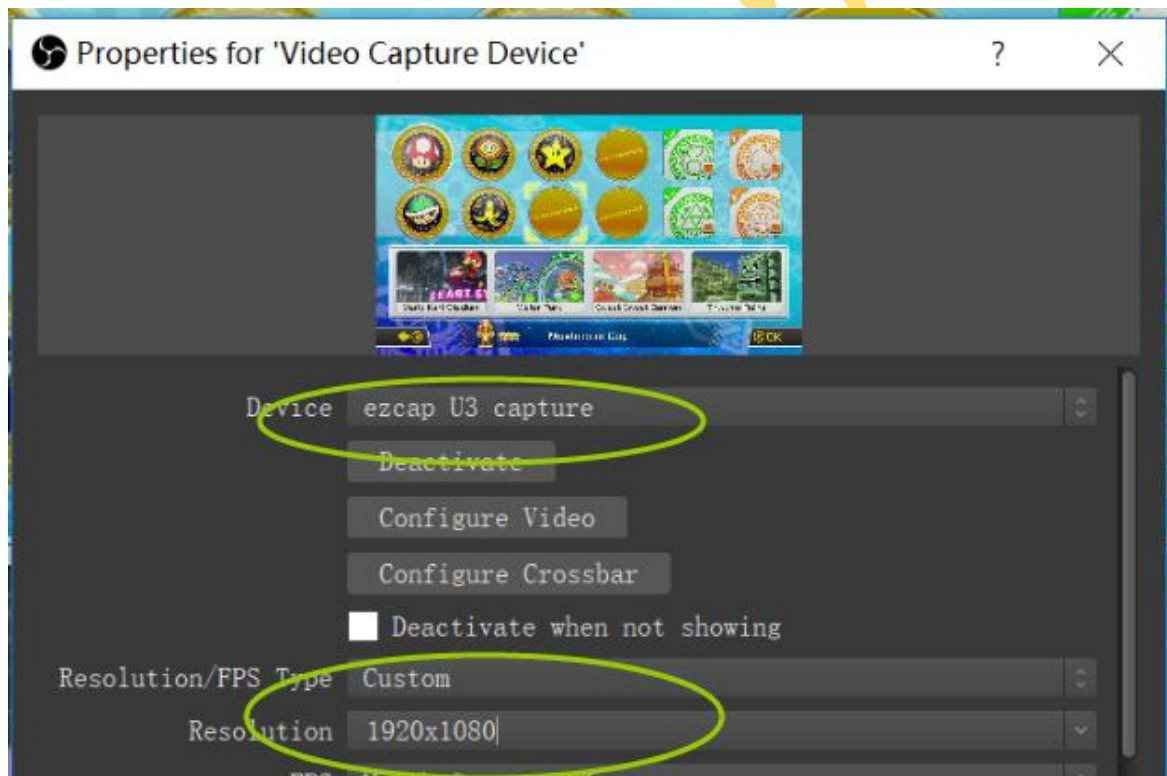
1, Go to obsproject.com/download to download OBS Studio according to your computer's operating system, and install it on your computer.

Connect ezcap269 to computer with USB3.0 cable, and connect video source with HDMI cable. Windows will install the driver automatically, and you will see "ezcap U3 capture" in device manager. Connect the output to TV monitor with HDMI cable if you need.

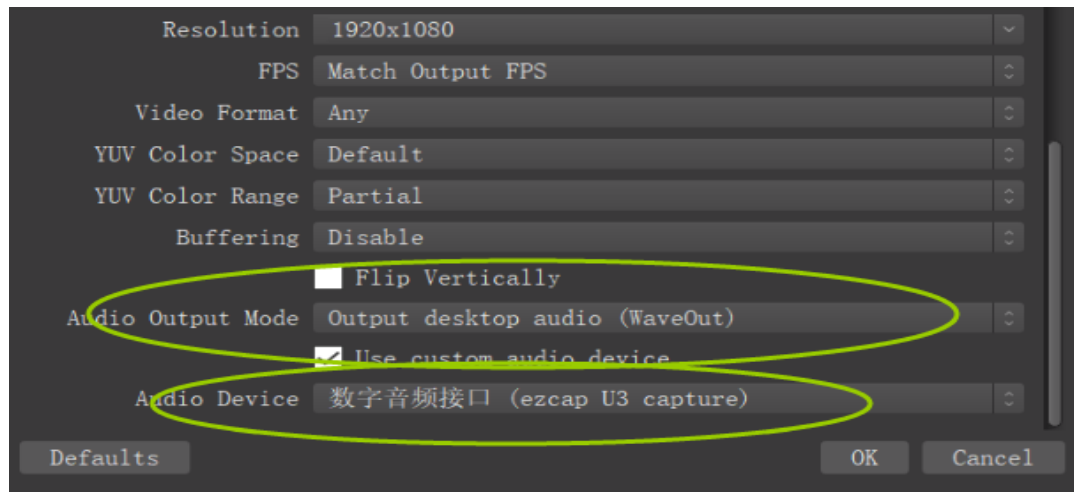
2, The device with gamepad audio input port (port "4"), connect to gamepad audio output if you want record the team chat.

3, The headset port (port "5") for connect a game headset (TRRS), or a mobile phone's earphone set so can get the audio out and same time Microphone input if you want.

4, 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":

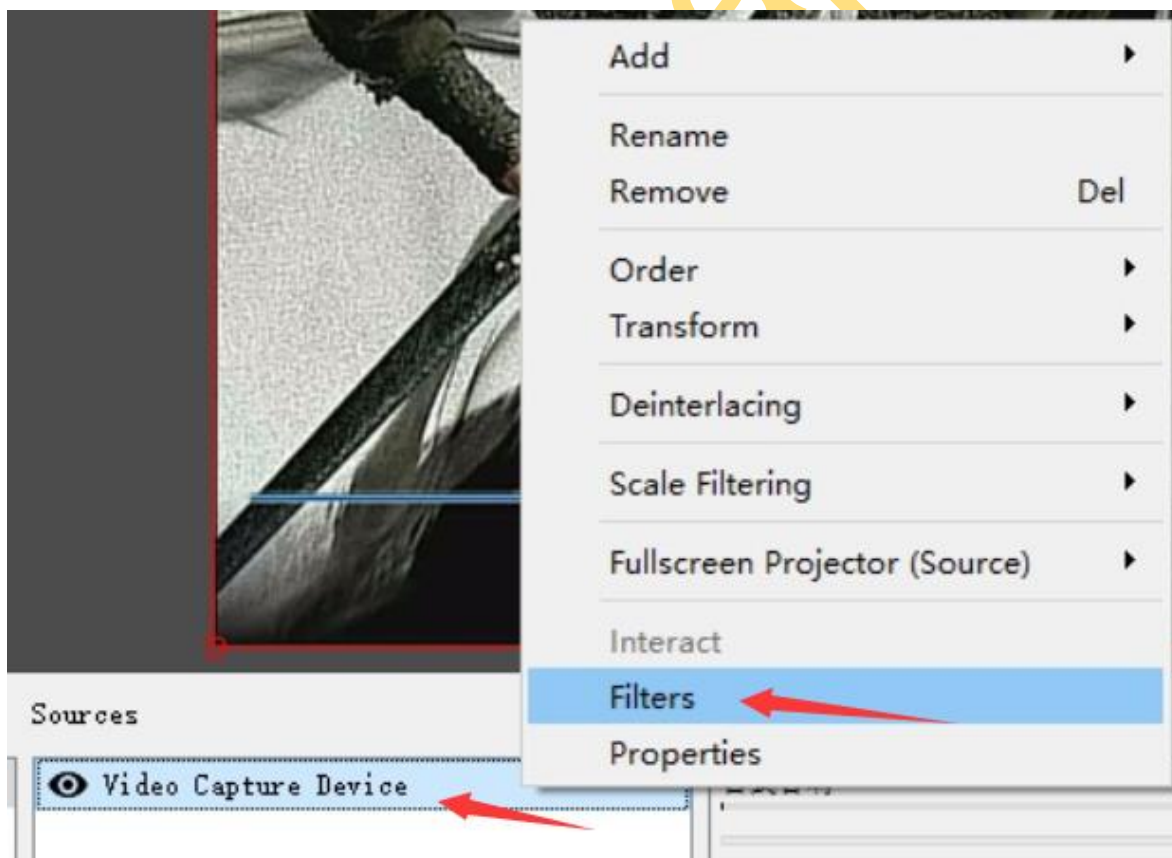


5, At Set Audio Output Mode to “Output desktop audio (WaveOut), Audio Device to “ezcap U3 capture”:

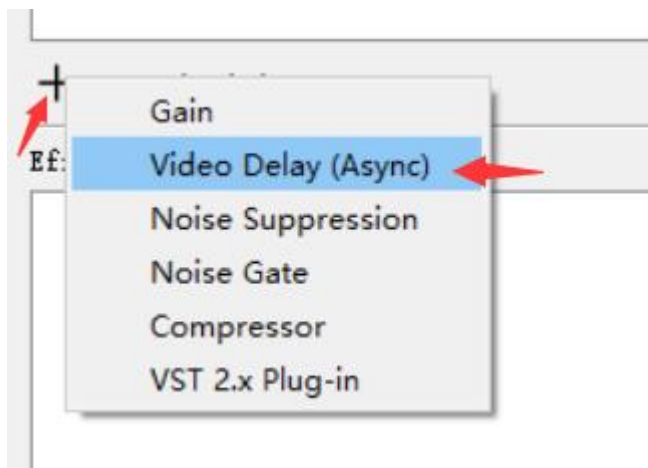


6, Set the video latency for make the audio and video synchronized:

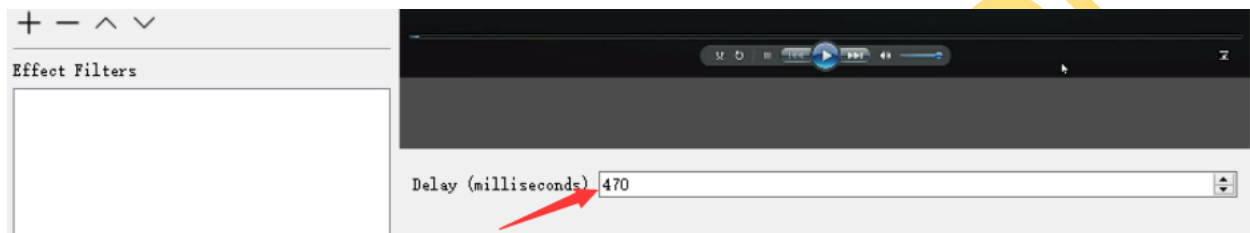
1) Right click “Video Capture Device” then click “Filters”:



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):

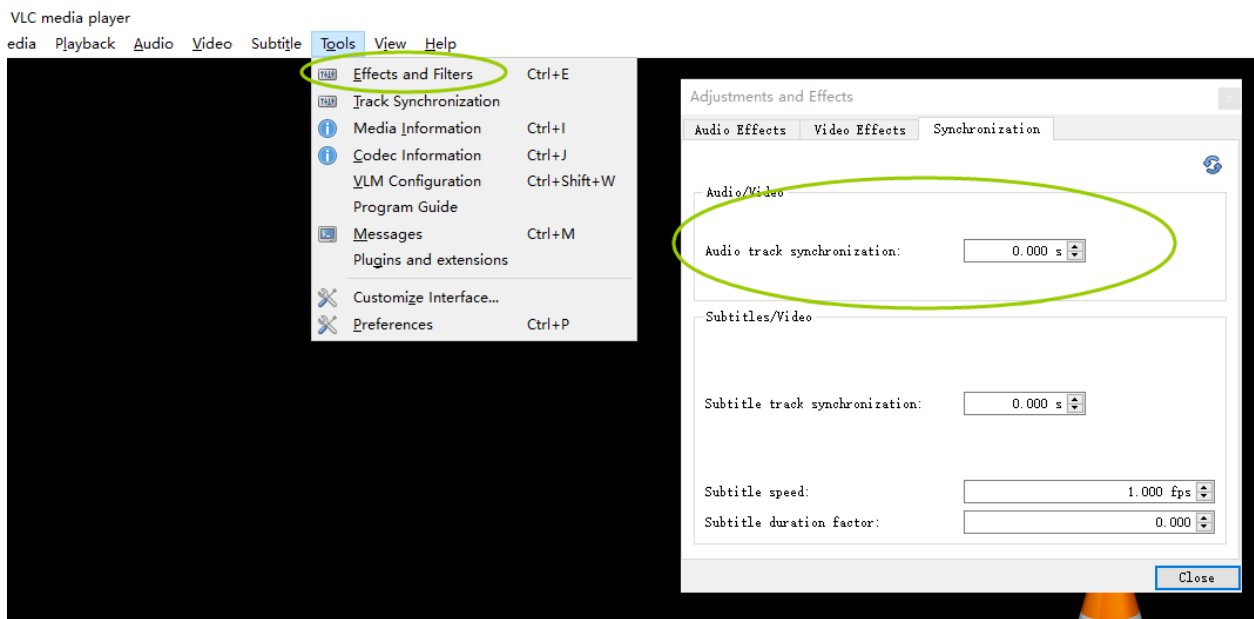


7, Then you can recording or streaming video:

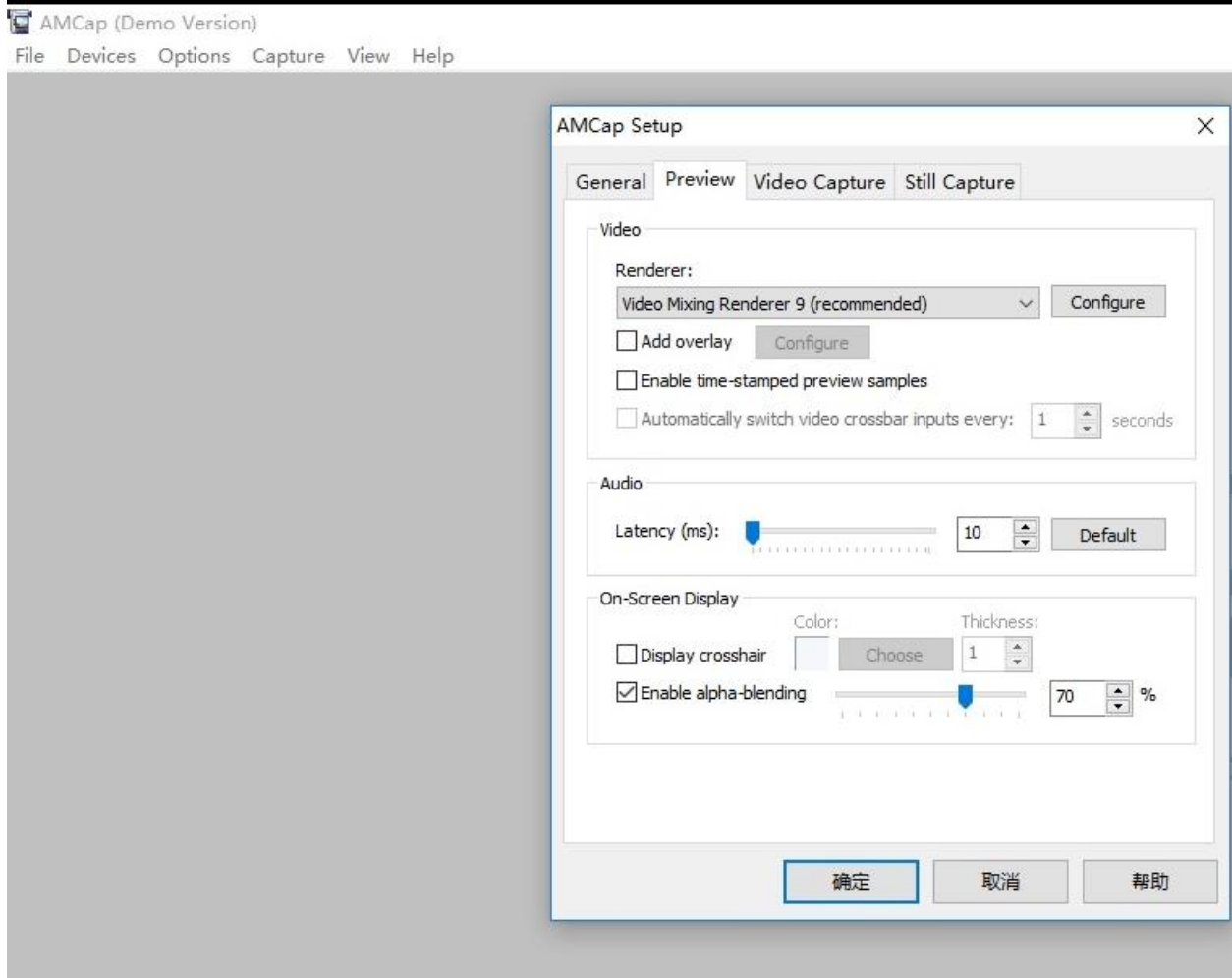


For other applications may also need setting for synchronous problem:

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".

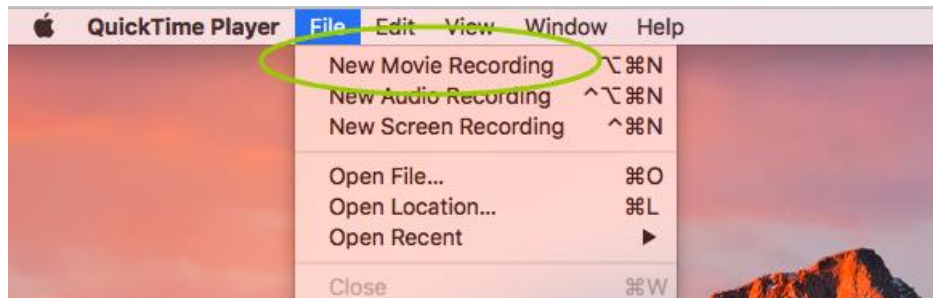
Work on MAC:

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:

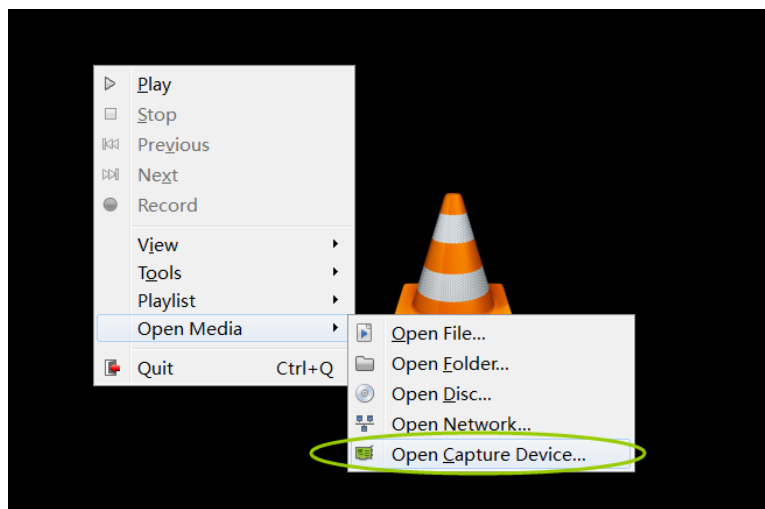
Work with OBS Studio:

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

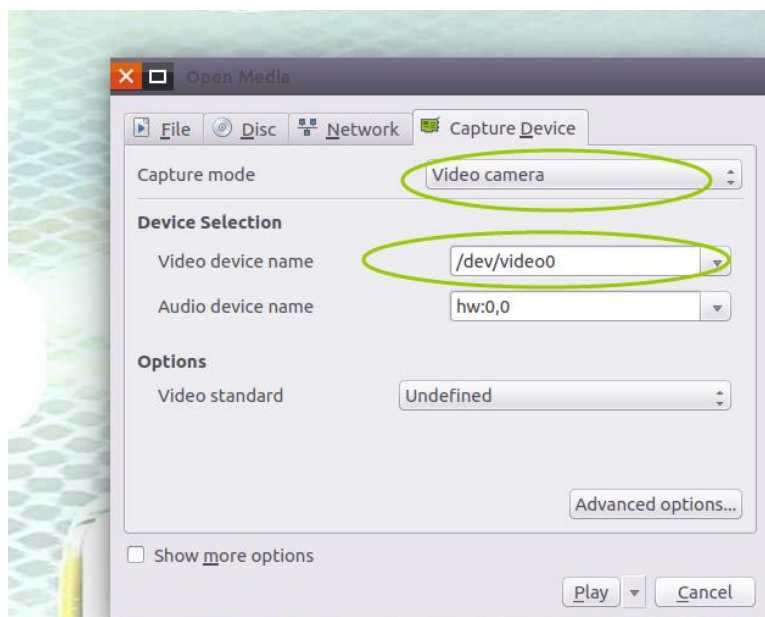
(note: Your Linux should meet OBS requirements)

Work with OBS VLC (shows example for Ubuntu):

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



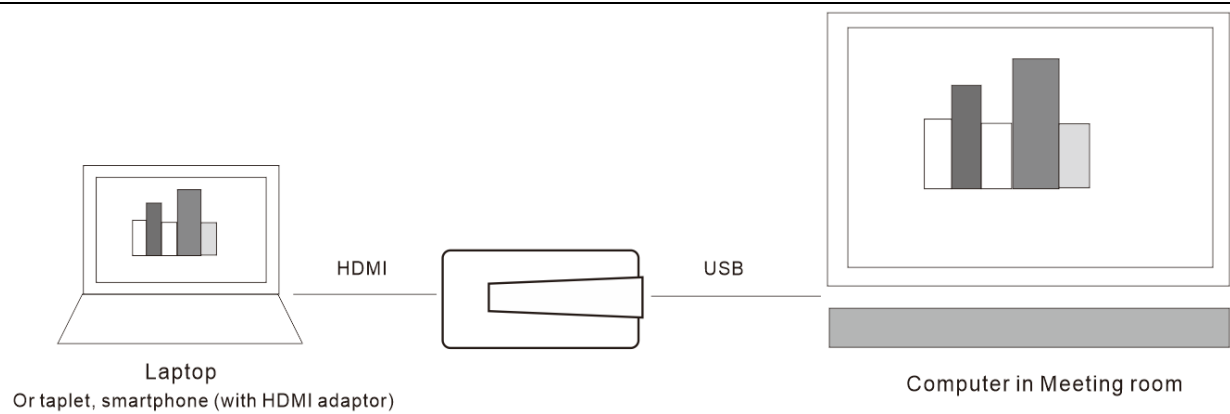
2, Choose "Video camera" ---"/dev/video0" then click "play"



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)

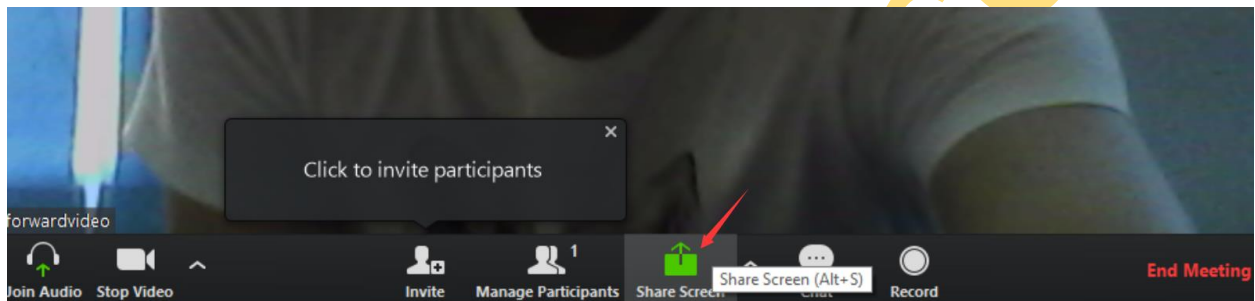
2, Connect the contents laptop via HDMI cable to ezc269, then USB cable to meeting computer:



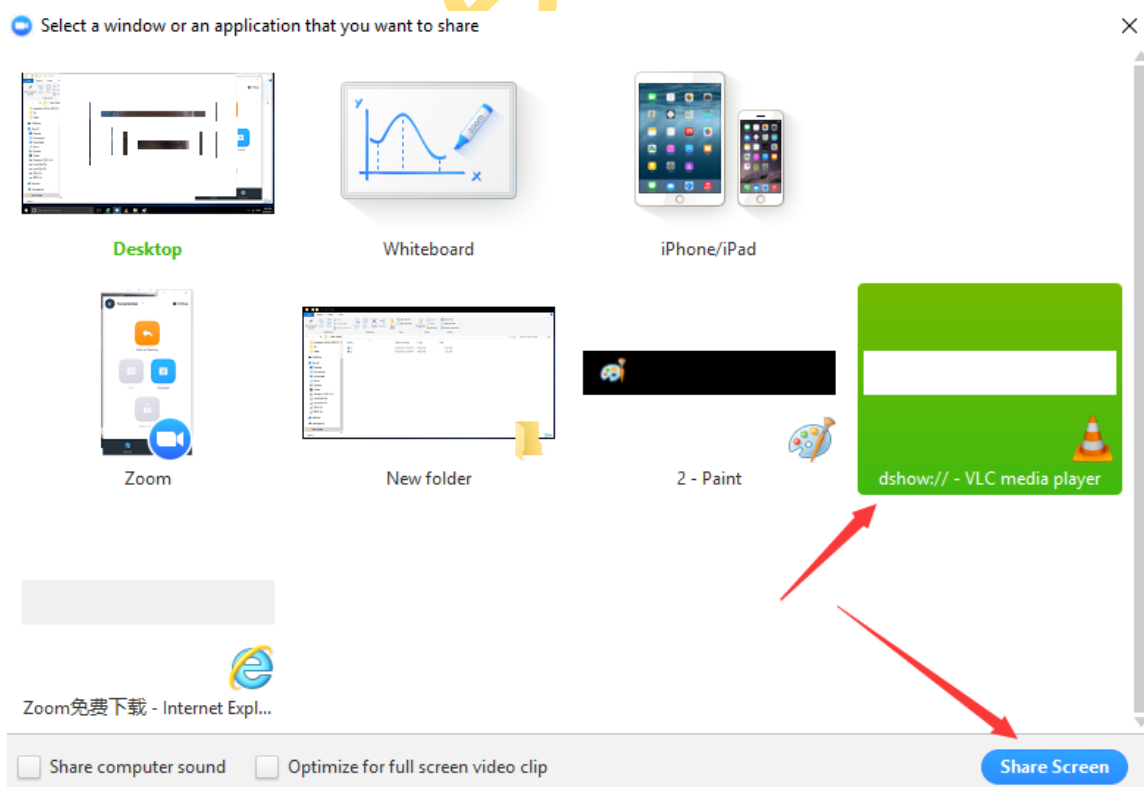
Show example for meeting App “Zoom”:

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)

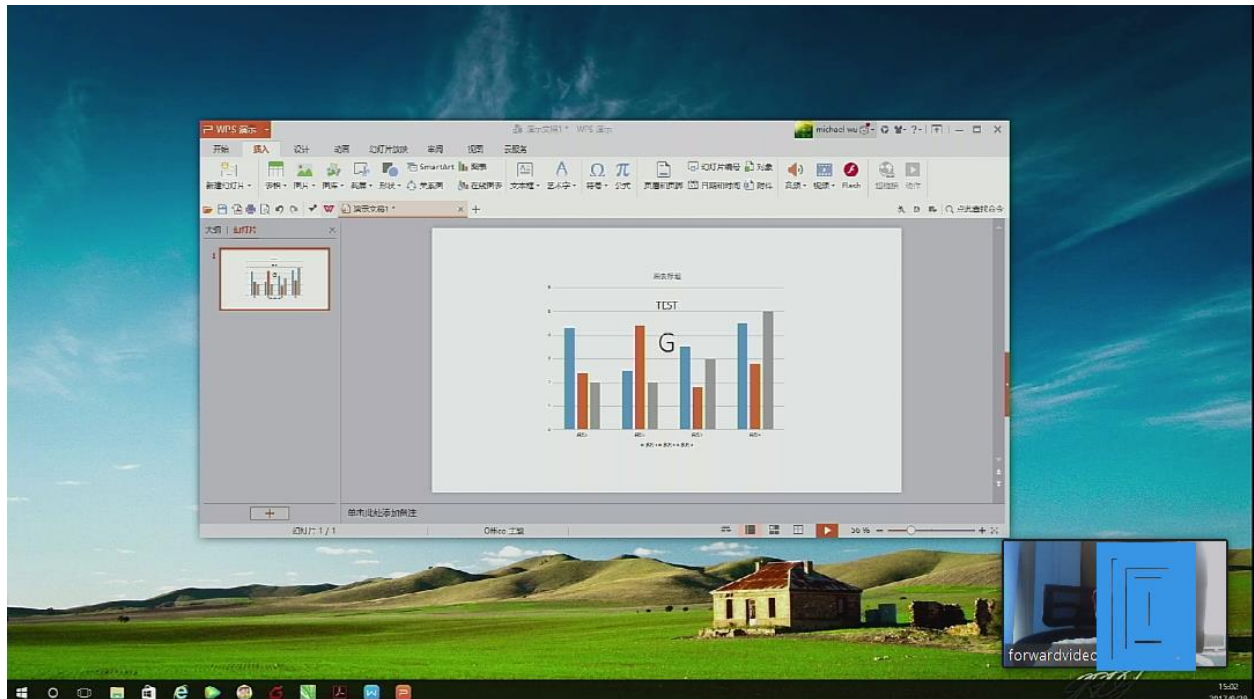
At meeting interface, click “Share Screen:



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
Audio Input	HDMI, Line In (TRRS cable), Microphone In (TRRS CTIA or OMTP)
Video Output	HDMI
Audio Output	HDMI, earphone Out (TRRS CTIA or OMTP)

Hardware Extra

Dimensions	117*72*15.5MM
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Weight	168g
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Package Contents

Device	ezcap269
Others	USB3.0 cable, manual, audio cable

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). 3840*2160(30/60p) (input and by pass)
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

USB3.0 1080 60 全高清视频采集盒

使用指南

非常感谢您购买我司研发生产的 ezcap269 USB3.0 全高清视频采集盒，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！

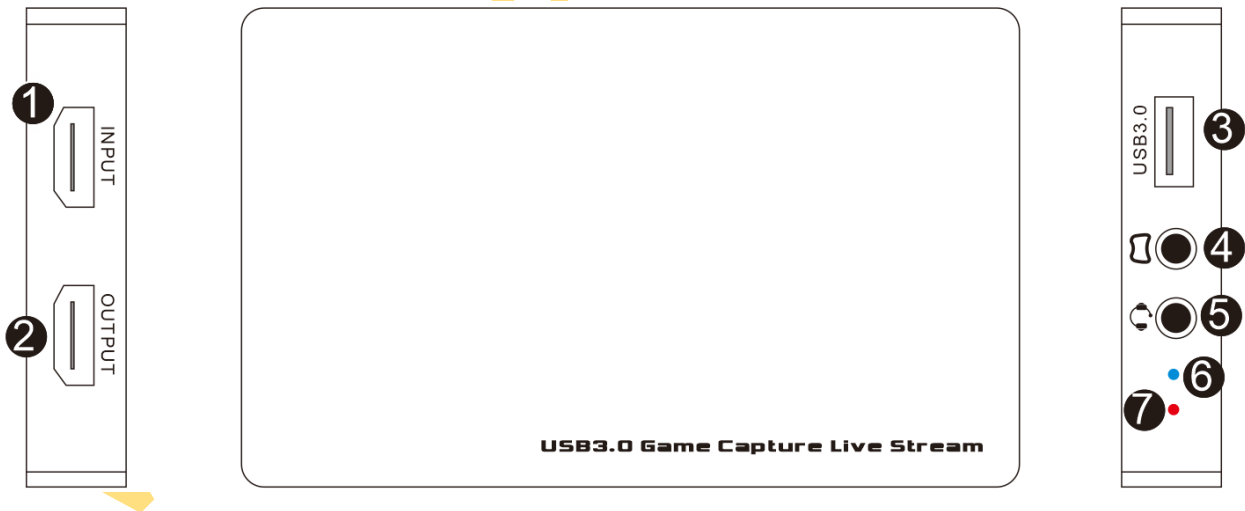
使用 ezcap269 USB3.0 全高清视频采集盒，你仅仅需要连接到你的电脑(windows, mac, linux 系统均支持)，无需安装驱动，然后使用第三方软件即可采集或串流高清游戏视频或其它高清视频源。

ezcap269 允许输入且 by pass 4K 60 HDMI 信号，录制或串流 1080 60 全高清视频。

带有手柄音频接口，及麦克风输入，游戏玩家可以录制（串流）团队对话内容。

产品特点:

ezcap287 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. USB3.0 – 通过 USB3.0 线连接到电脑
- 4.Gamepad –通过 3.5mm 音频线连接到游戏手柄
- 5.Headset – 连接耳麦，或手机的耳机（带麦克风）

6 蓝色 LED 灯 – 有视频输入时亮起

7 红色 LED – 供电时亮起，工作时闪烁

Windows 系统操作说明

与 OBS Studio 软件配合使用:

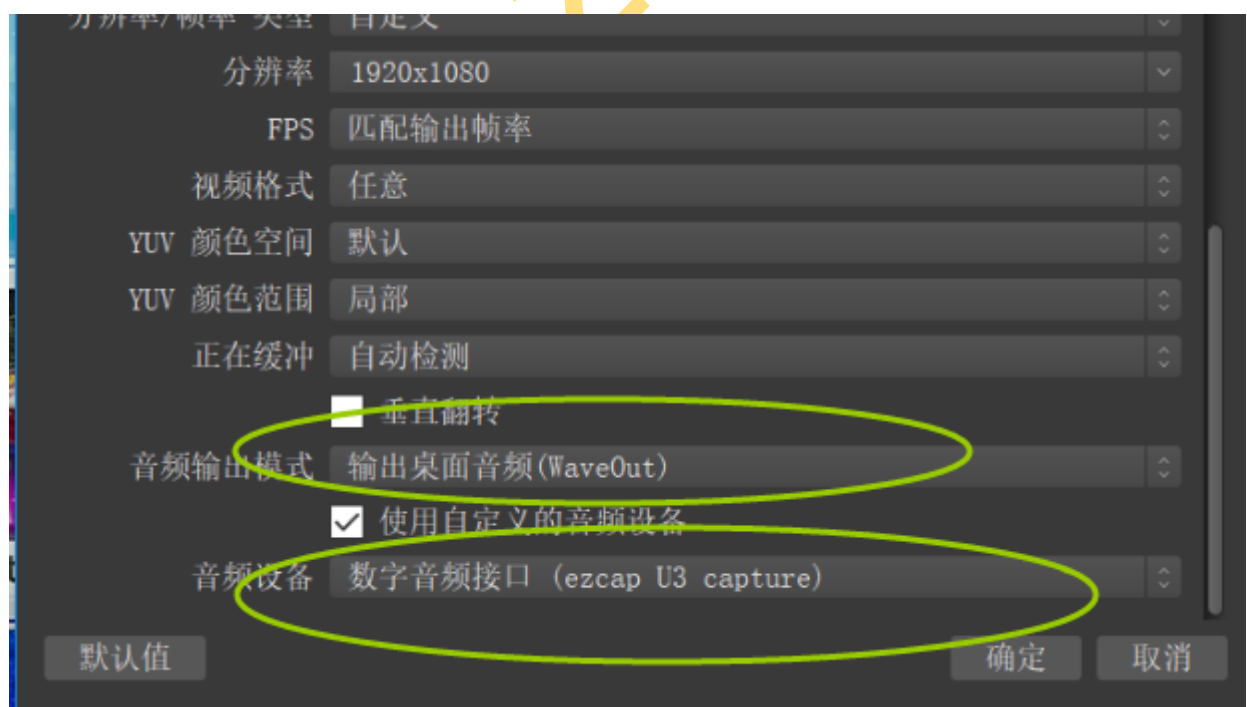
1, 请去 obsproject.com/download 链接, 并根据电脑操作系统下载对应的 OBS Studio 安装程序, 并根据安装程序提示安装。

2, 用 USB3.0 线材连接 ezcap269 和电脑的 USB3.0 接口, 系统将会自动安装好硬件, 你可以在“设备管理器”下“ezcap U3 capture”字样。用一根 HDMI 线材连接 ezcap269 和需要采集的视频源的 HDMI 输出接口, 就完成了初步安装和连接工作。如果有需要, 可以用一条 HDMI 线连接 ezcap269 的 HDMI 输出与电视的 HDMI 输入, 以便在大屏幕预览视频。

3, 如有必要, 可以连接游戏手柄的音频输出到端口“4”, 以录制队友的语音。

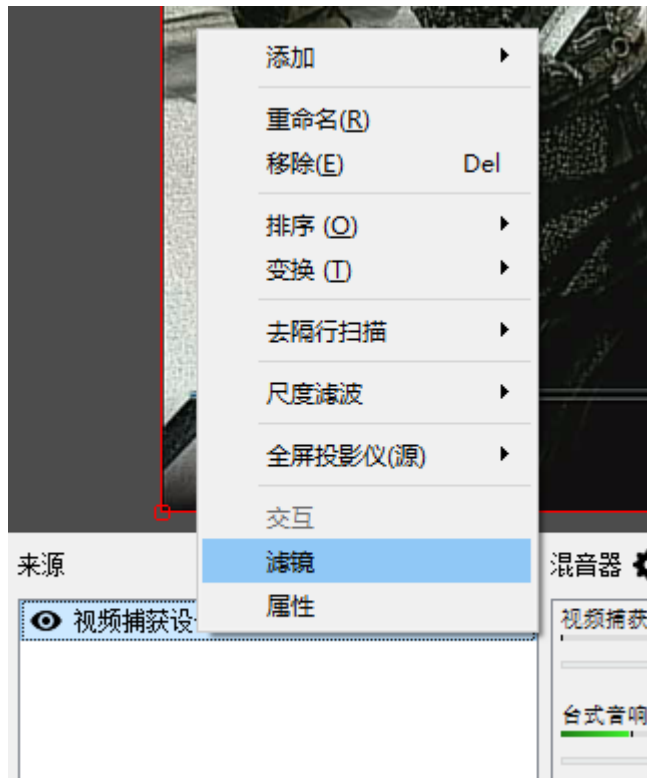
4, 如有必要, 可以连接一个 4 节的游戏耳麦, 或手机的耳机, 以在音频输出时又能麦克风输入。

5, 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”。

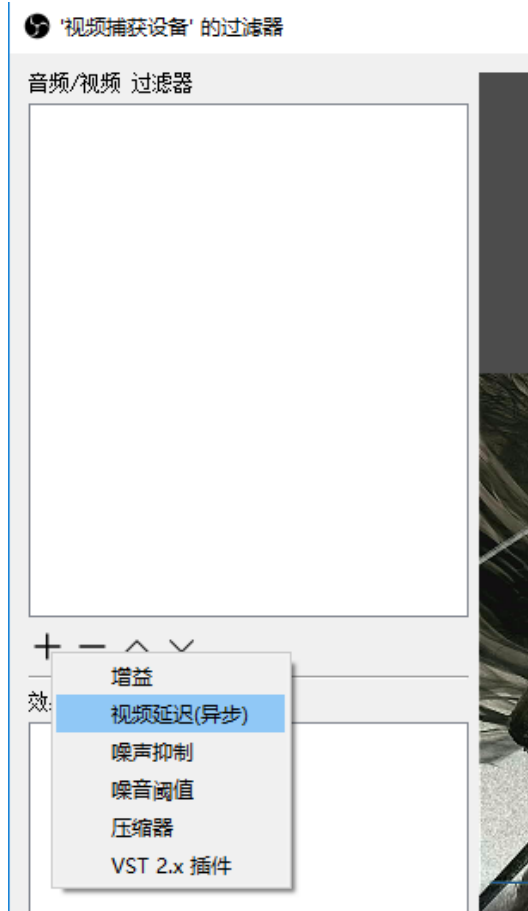


4, 为了使音视频同步, 设置视频延迟。

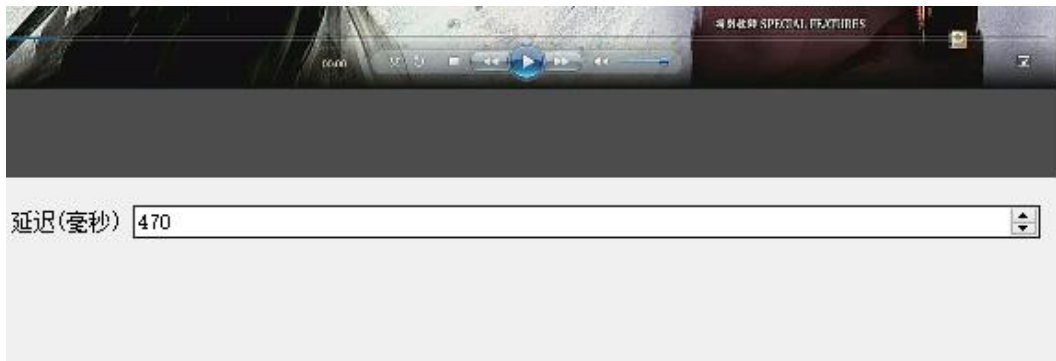
- 右击“视频捕获设备”，选择“滤镜”。



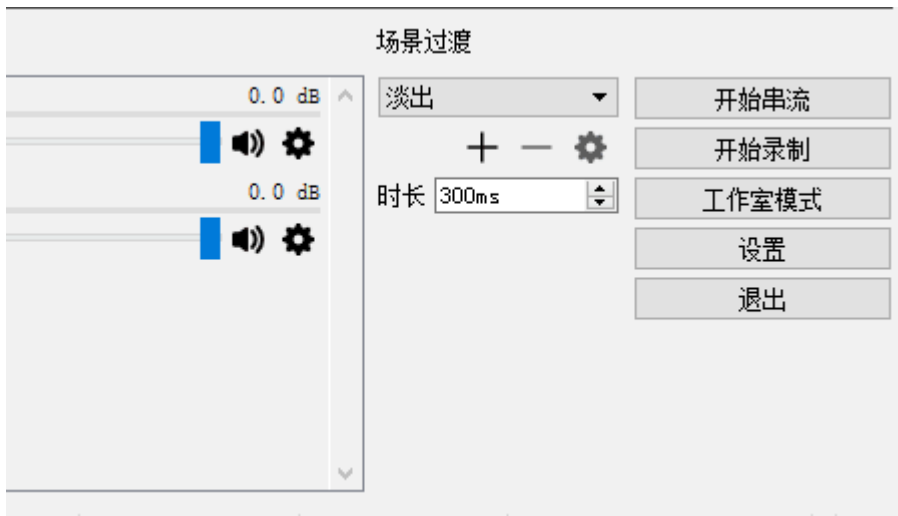
- 在弹出的视窗中，点击“+”后选择“视频延迟(异步)”。



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

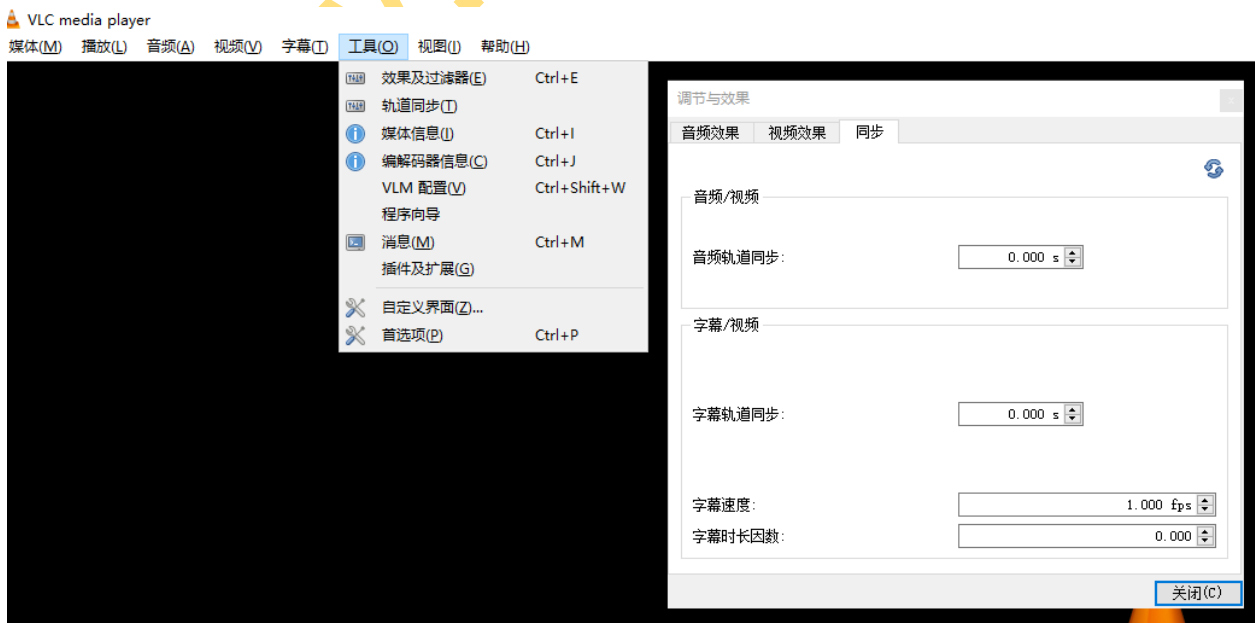


5, 现在你就可以开始录制或者串流你的高清视频了。

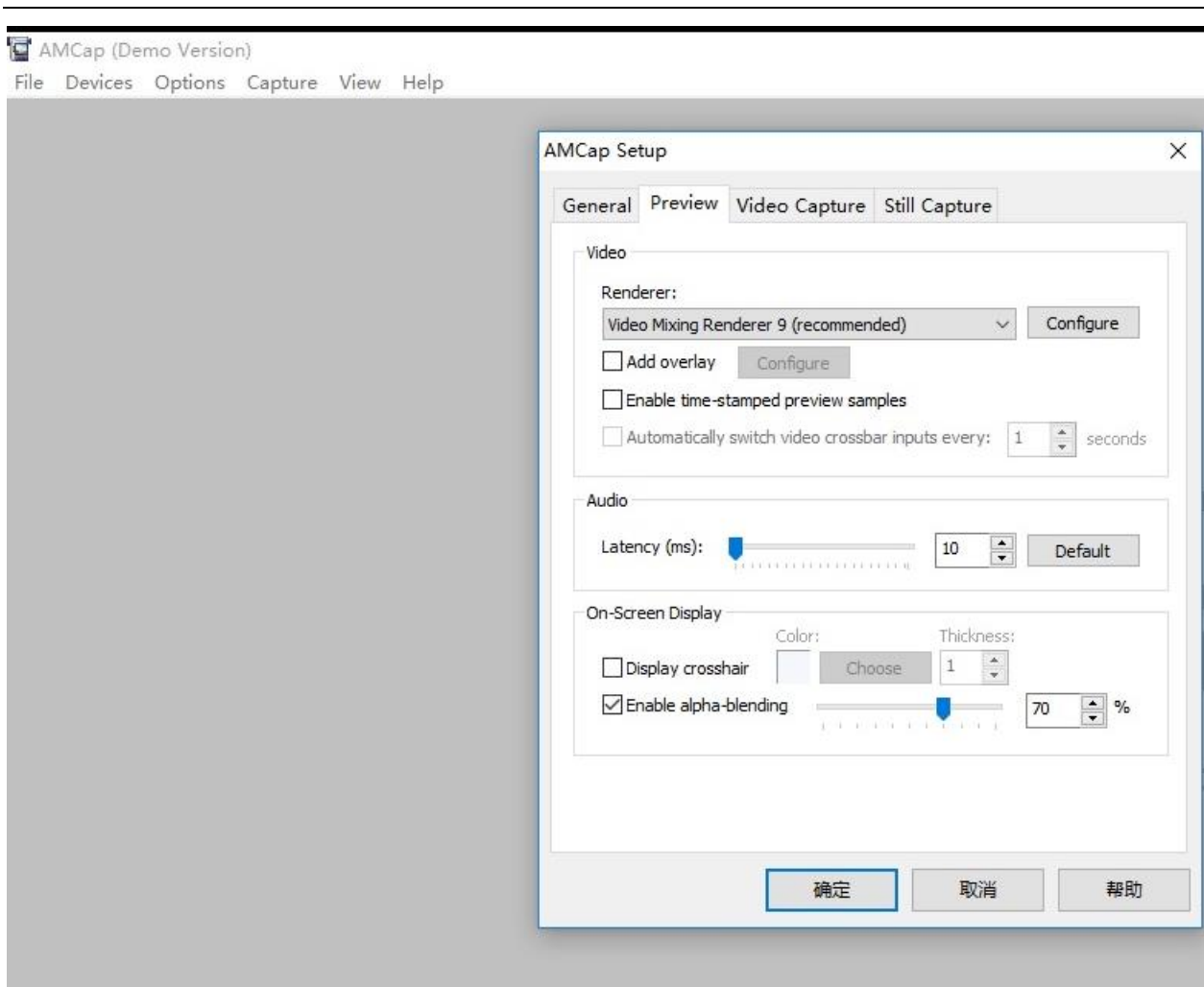


对于其他的应用软件也会遇到同步问题，也需要作类似的设定：

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:



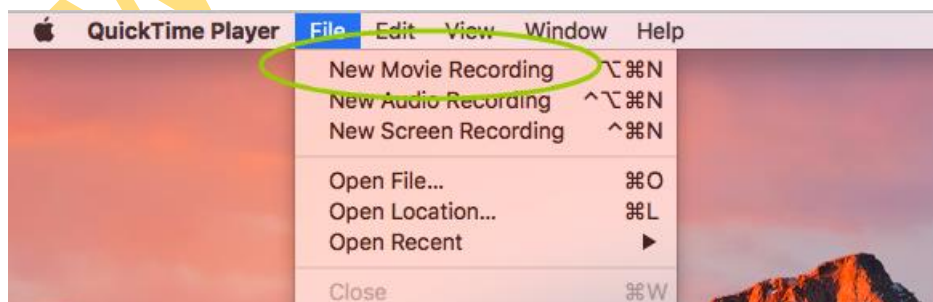
如果你想与其它第三方应用软件配合使用（比如 VLC, Media encoder, Protplayer...），只要选择该软件的采集设备为“ezcap U3 capture”即可。

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”：



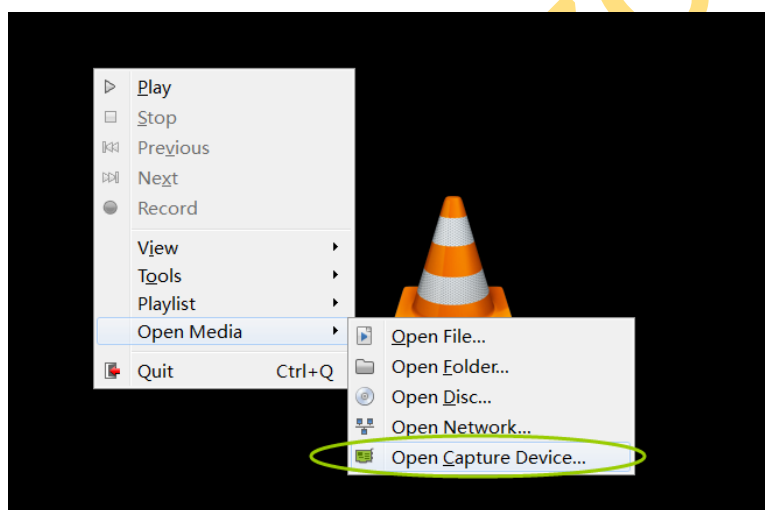
Linux 系统使用说明

配合 OBS Studio 使用，通 Windows 使用说明相同。

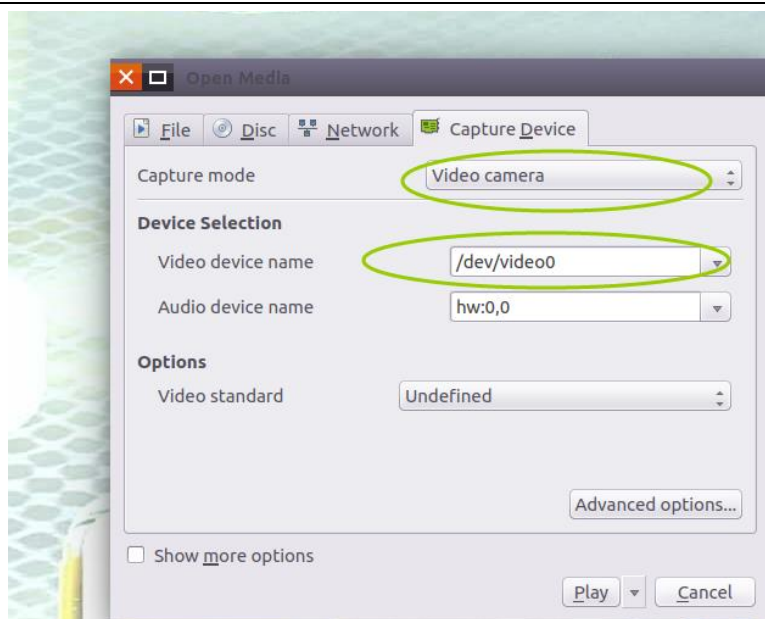
(注: 您的 Linux 系统配置一定要符合 OBS Studio 运行要求)

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”。



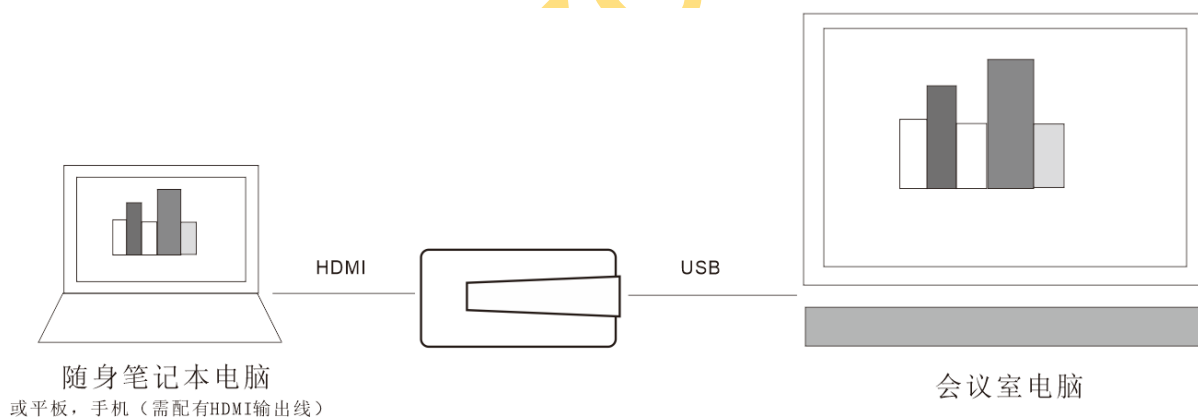
2, 在“Capture Device”项目下，选择“Video camera” ---“/dev/video0” then click “play”



用于视频会议分享:

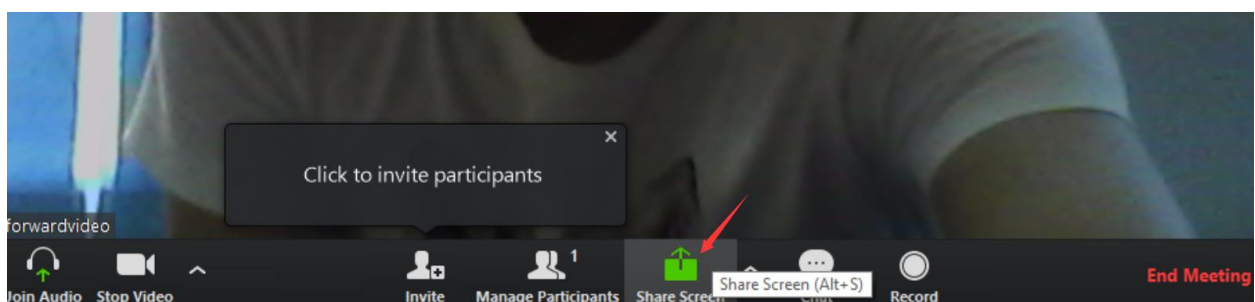
1, 首先下载并安装视频录制软件(OBS, VLC 等), 安装在用于视频会议的电脑上 (安装有视频会议软件: Zoom, Skype for Business, WebEx, BlueJeans)

2, 将要分享内容的笔记本通过 HDMI 连接到 ezcap269 通过 USB 连接到视频会议的电脑:

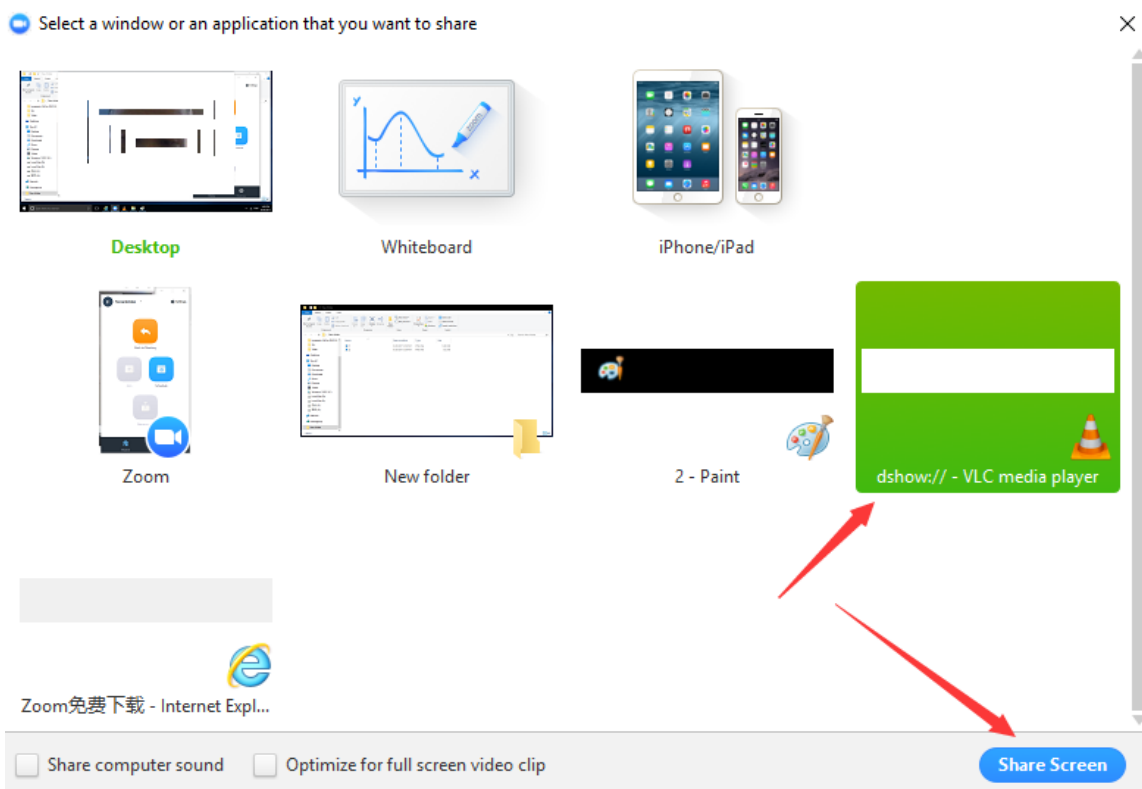


以“Zoom”来举例:

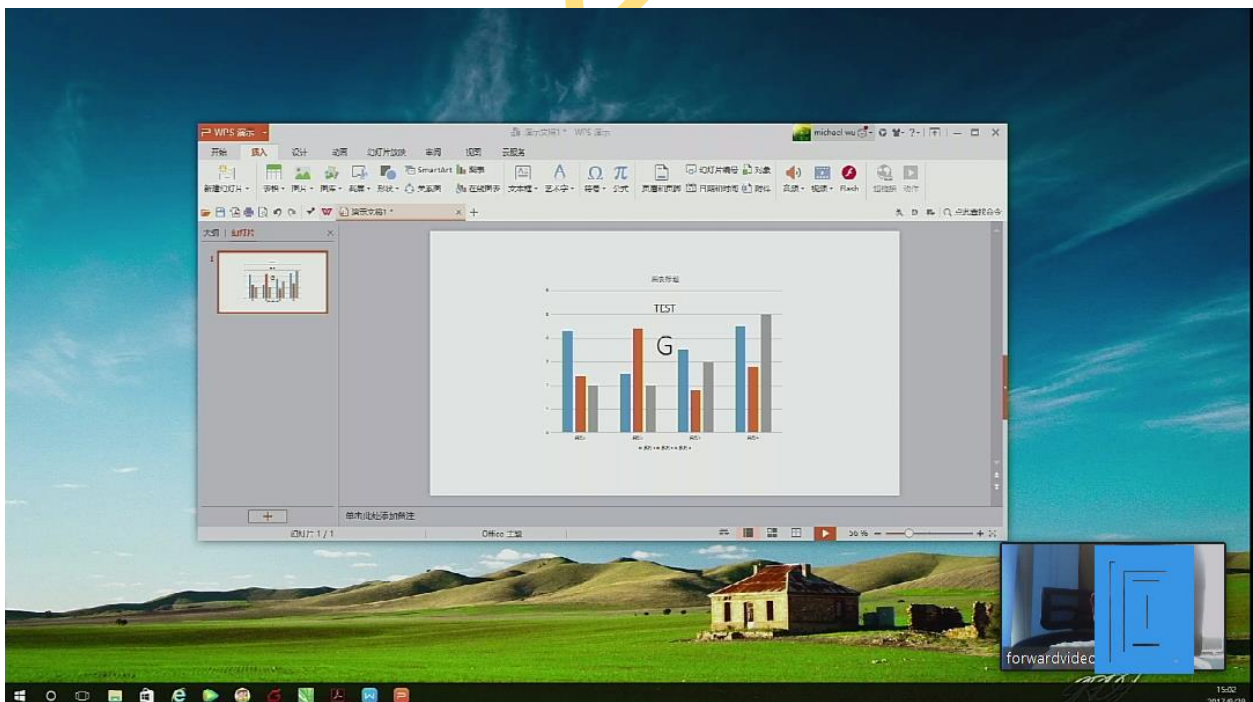
用 VLC(或其他如 OBS 等应用软件) 打开 “FHD Capture”并设置得到视频 (如上操作)
在视频会议界面, 点击“Share Screen:



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
音频输入	HDMI, 3.5 毫米麦克风 (4 节插头), 线路输入(4 节插头)
视频输出	HDMI
音频输出	HDMI , 耳机输出 (4 节插头)

硬件规格

尺寸	117(长) X 72(宽) X 15.5(高) 毫米
重量	168 克

包装内容

设备	ezcap269 USB3.0 全高清游戏采集盒
其它	USB3.0 线材, 使用指南, 3.5mm 音频线

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), 3840 x 2160 (30/60) 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