

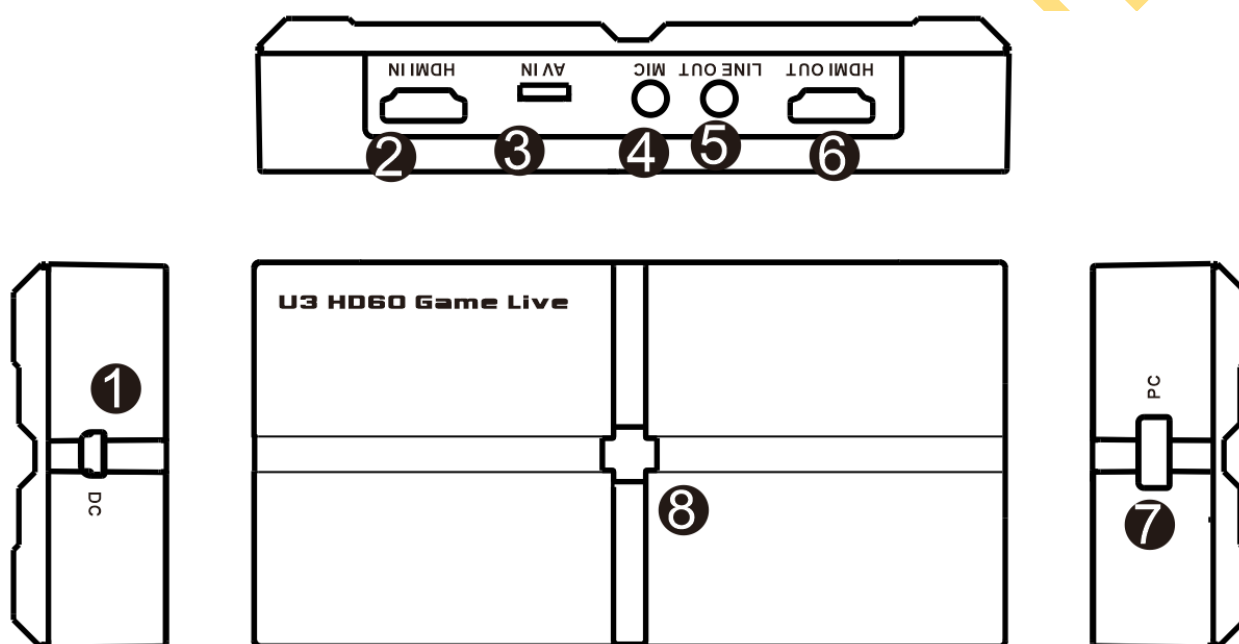
U3 HD60 Game Live

Quick Start Guide

Thanks for purchasing ezcap263 U3 HD60 Game Live. The following guides you how to set up. Hope this device will bring you nice digital experience.

With ezcap263 U3 HD60 Game Live, 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 video source, it with composite, component and HDMI input.

Features:



1. DC—DC 5V power supply port. **Normally don't need to connect it unless the power is not enough from the USB3.0 port of PC. Or if use with USB2.0 port of PC (which we do not suggest to) you need connect to extra 5V 1A up adapter with an USB mini cable. Package contents don't include them.**

2. HDMI IN—HDMI input.

3. AV IN —Ypbpr component or composite input through adapter cable

4. MIC—For connect a microphone and record voice comments when play game.

5. LINE OUT—Audio output.

6. HDMI OUT—HDMI output, so can connect to monitor to pass through display the input video.

7. PC—USB3.0 port, connect to PC for power and capture.

Work on windows

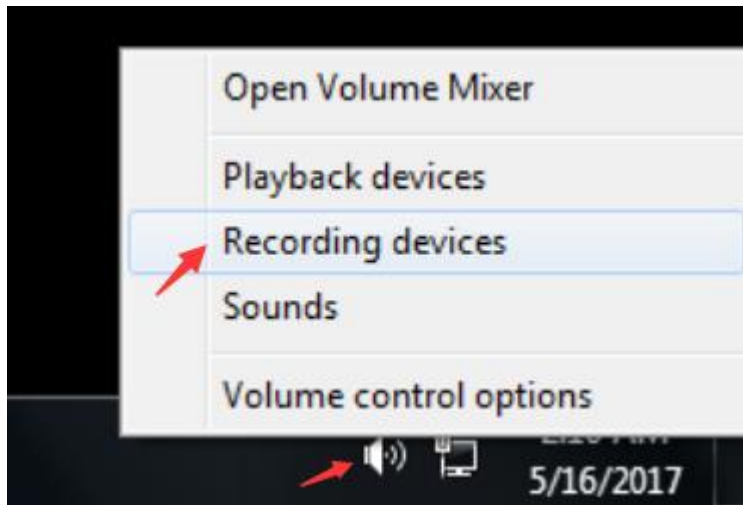
First of All

Set the audio capture sample rate :

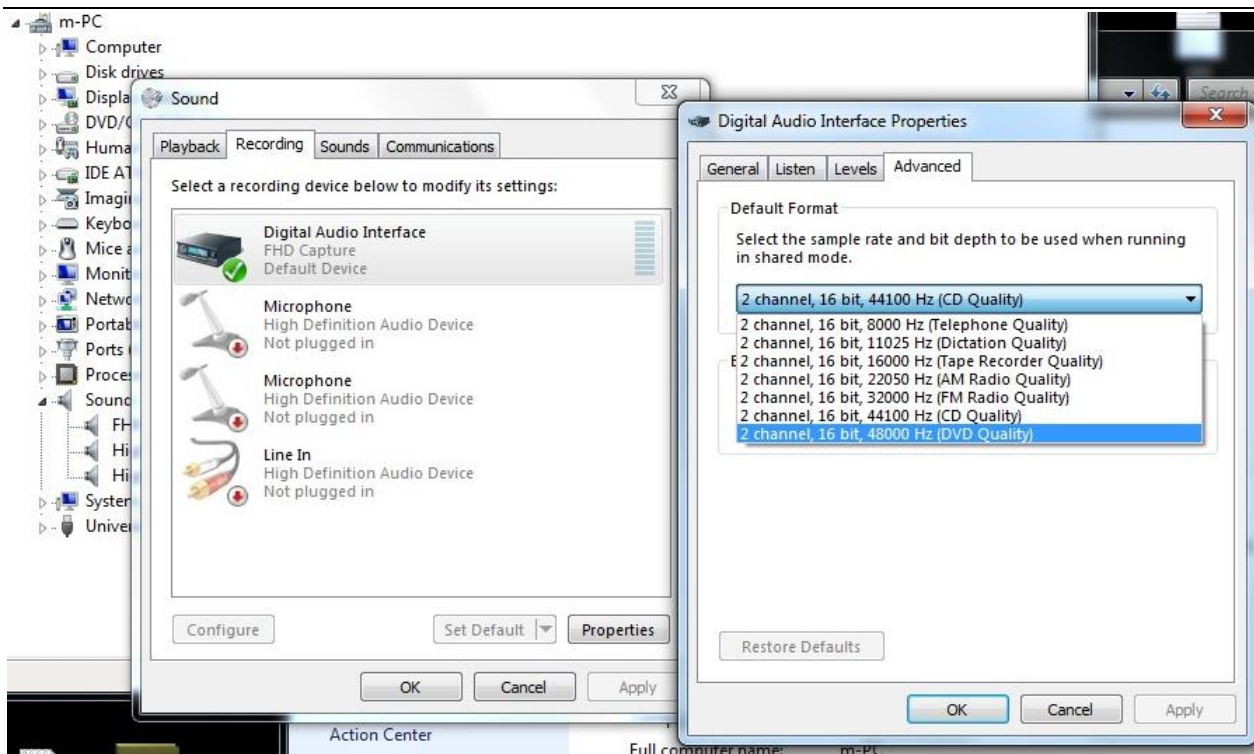
Note: It is an important setting, otherwise will caused the bad audio quality

1), Connect the video source to ezc263 from HDMI or component or composite, don't connect two or three videos at same time, ezc263 will detect the source automatically. Connect to computer with USB3.0 cable, windows will install the driver automatically, and you will see "FHD Capture" in device manager. You can also connect to a TV screen from HDMI OUT to preview if you need.

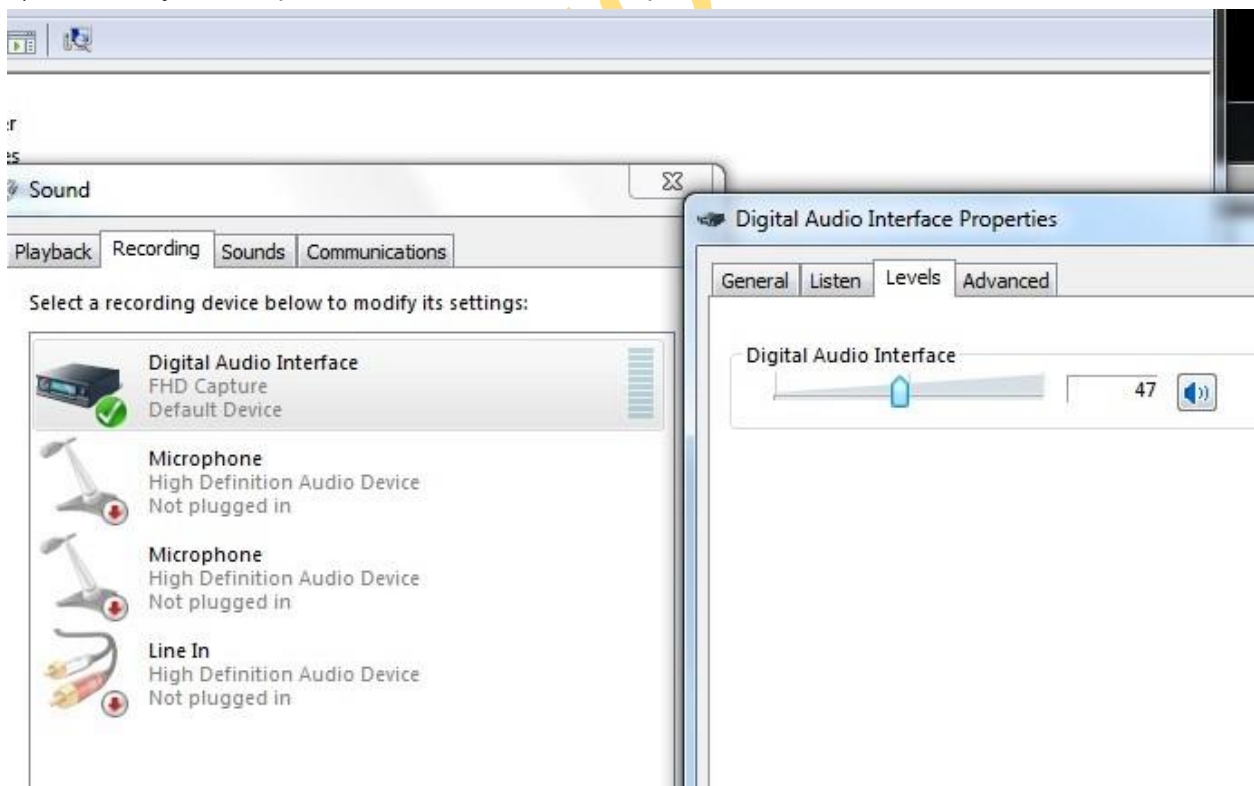
Right click on "Speaker" of your computer, choose "Recording devices"



2), Double click "FHD Capture" ----At "Advanced" choose the sample rate to "2 channel 16 bit, 48000 Hz (DVD Quality)" --**Note: Most of all, set to 48000Hz will get nice sound. In case not, and the sound with noise and skip, it means your video source is 44100hz or 32000hz, then you need set here to 44100 or 32000 to make your sound without noise**



3), If need adjust the input audio level, or if no audio input, at “Levels”, set the value:

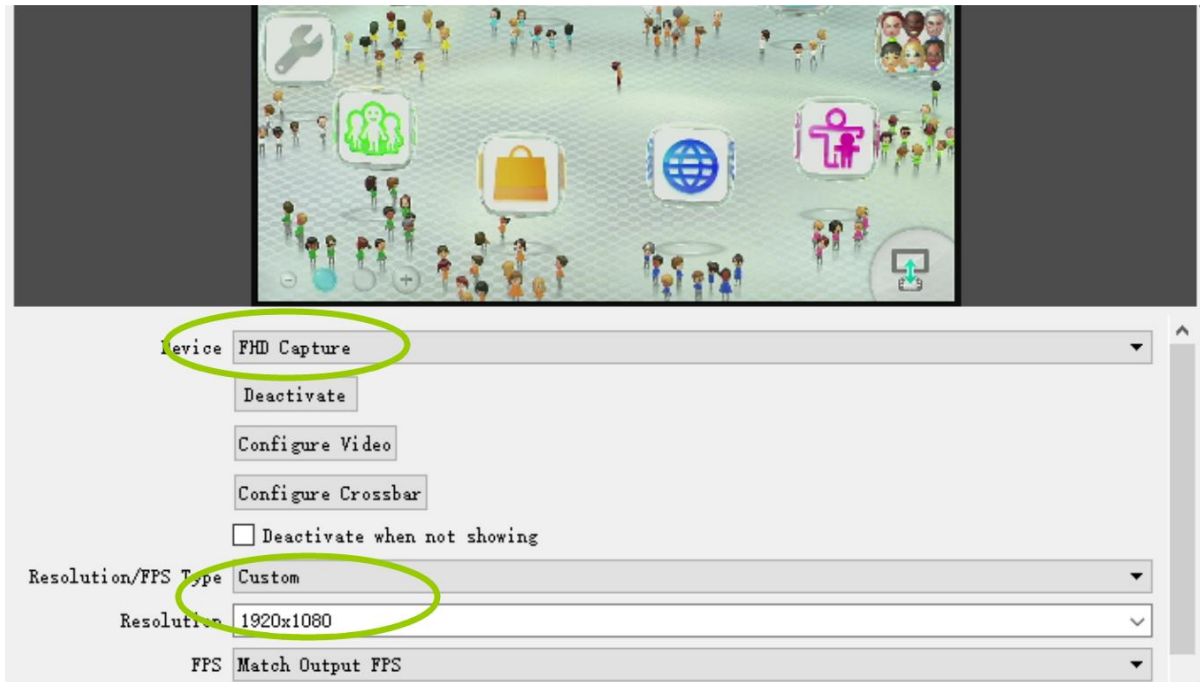


Work with OBS Studio:

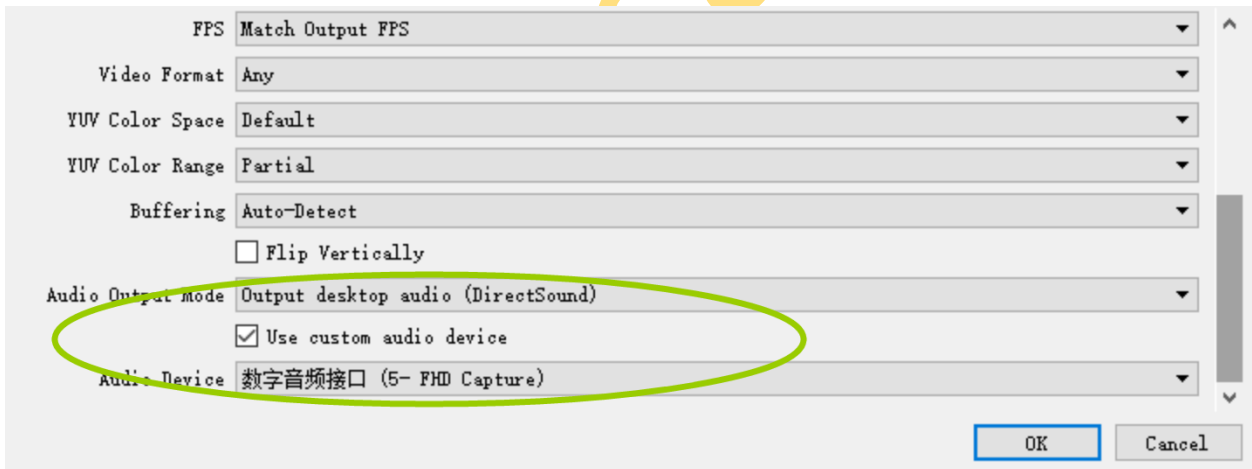
1, Go to obsproject.com/download to download OBS Studio according to your computer's operating

system, and install it on your computer.

2, Run OBS Studio, Click “+” icon under “Sources” window, and select “Video Capture Device”, then select “FHD Capture” in the drop box next to “Device”:

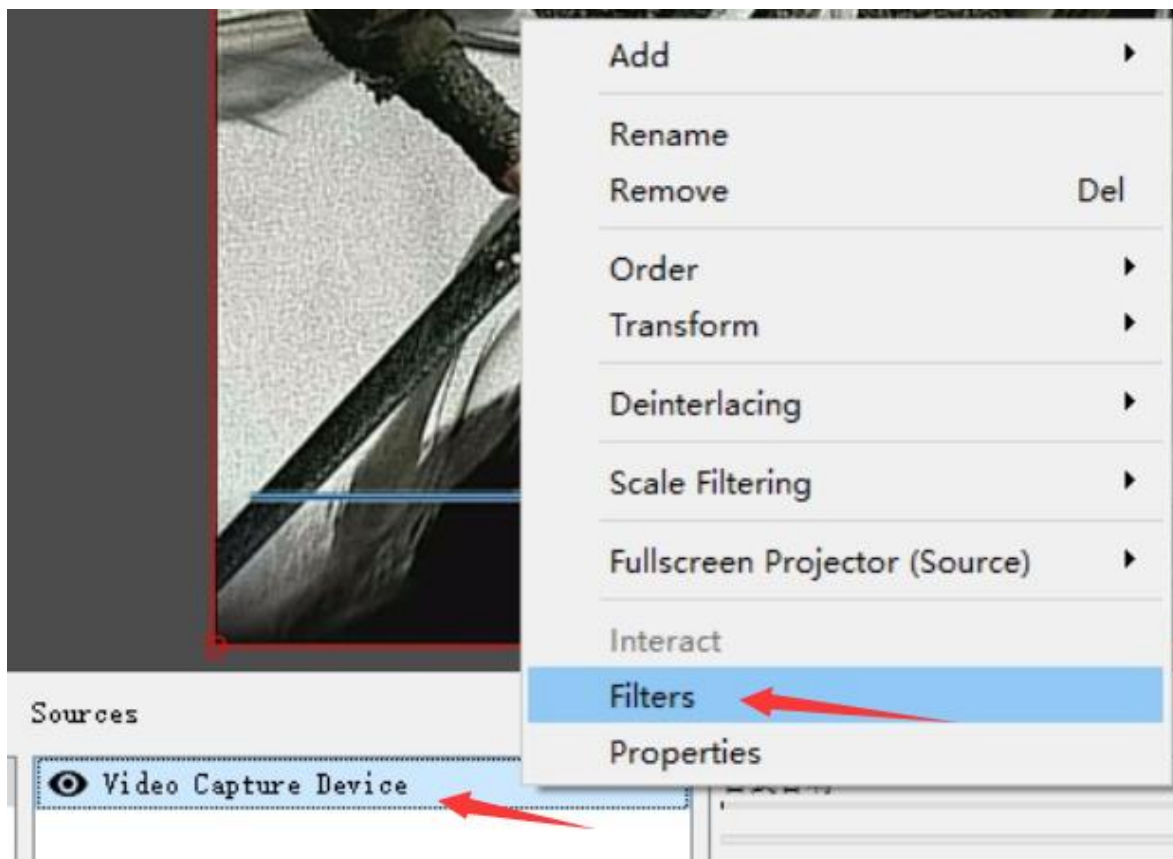


3, At Set Audio Output Mode to “Output desktop audio (WaveOut), Audio Device to “FHD Capture”:

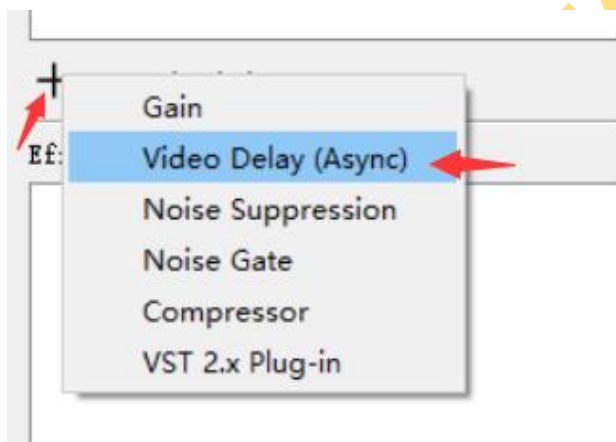


4, Set the video latency for make the audio and video synchronized:

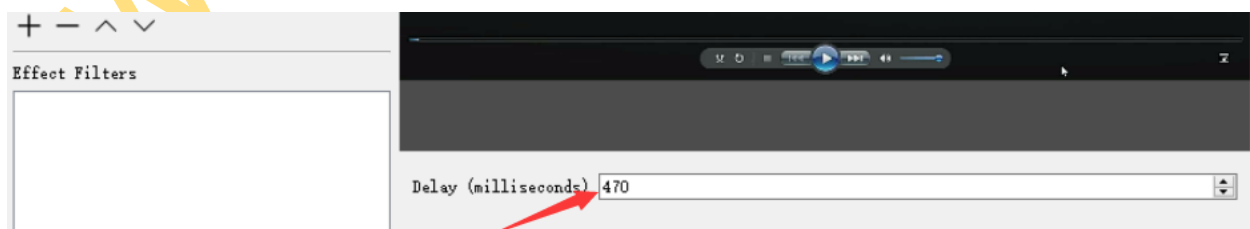
1) Right click “Video Capture Device” then click “Filters”:



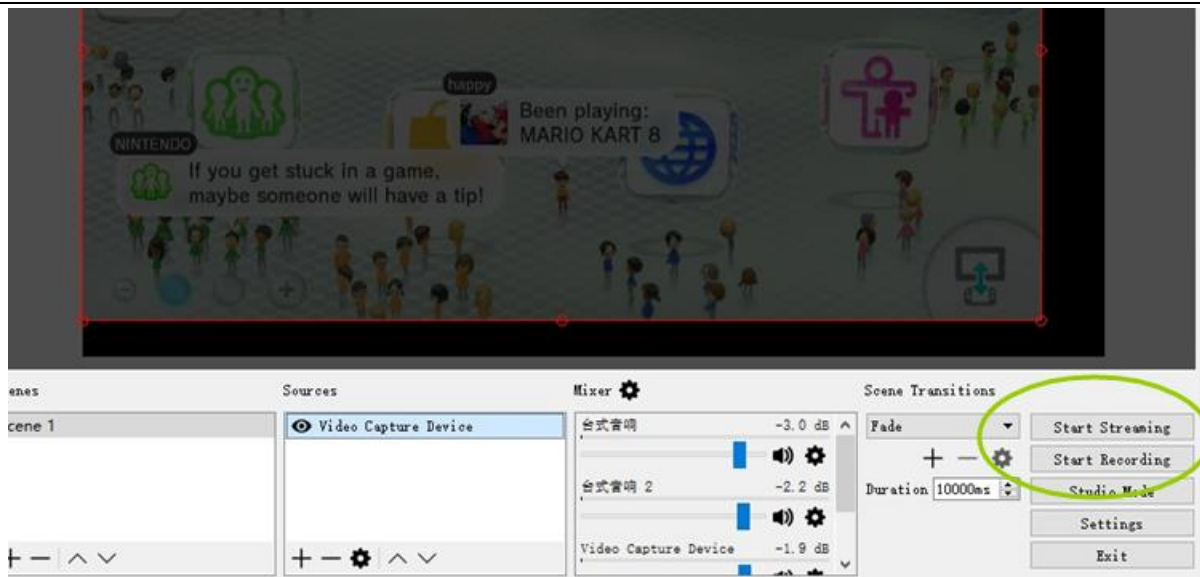
2) Click to add "Video Delay (Async)" :



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:



Work with other applications (e.g. VLC, Media encoder, Protplayer...):
Just run the application then choose capture device to “FHD Capture”.

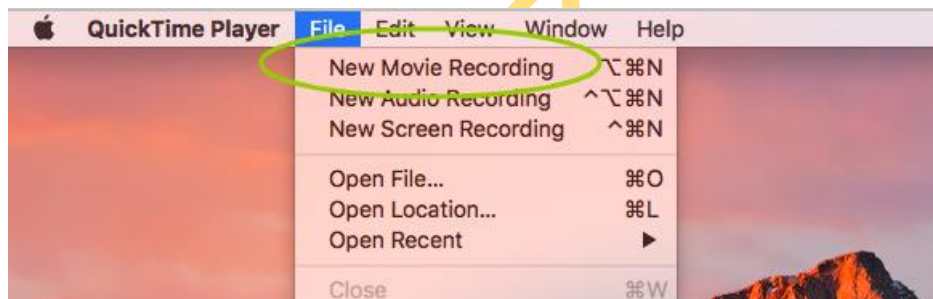
Work on MAC:

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 “FHD Capture” under Camera and Microphone option:



Work on Linux:

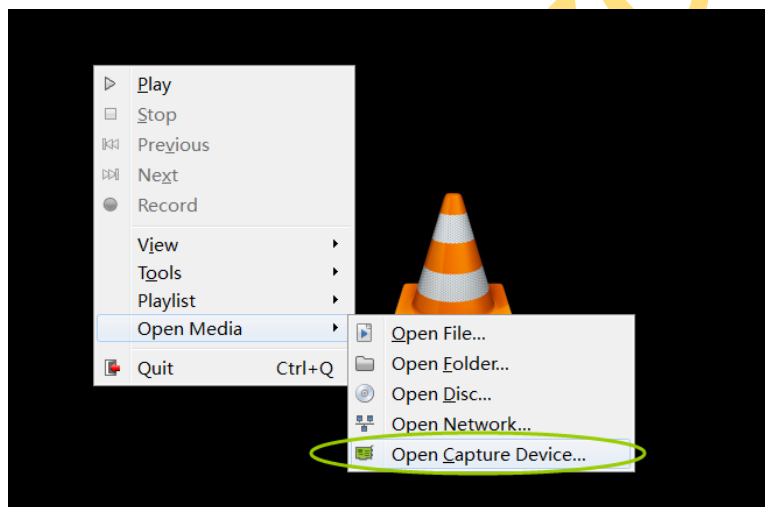
Work with OBS Studio:

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

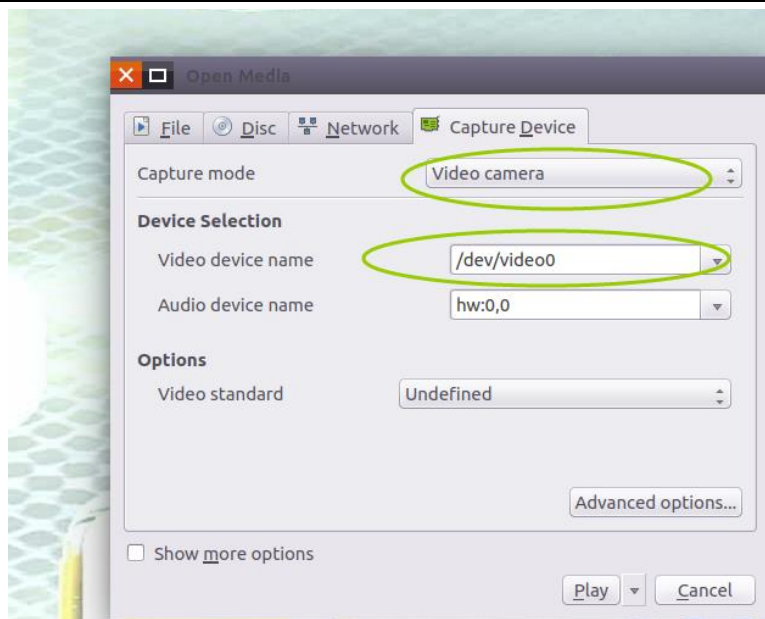
(note: Your Linux should meet OBS requirements)

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"



Specifications:

Connections

Interface	USB 3.0
Video Input	HDMI, component, composite
Audio Input	HDMI, analog L/R, Microphone
Video Output	HDMI
Audio Output	HDMI, Line out

Hardware Extra

Dimensions	141*72*29MM
Weight	115

Package Contents

Device	ezcap263 U3 HD60 Game Live
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Others	USB3.0 cable, adapter cable (for component and composite video), manual
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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) HDMI Output: 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

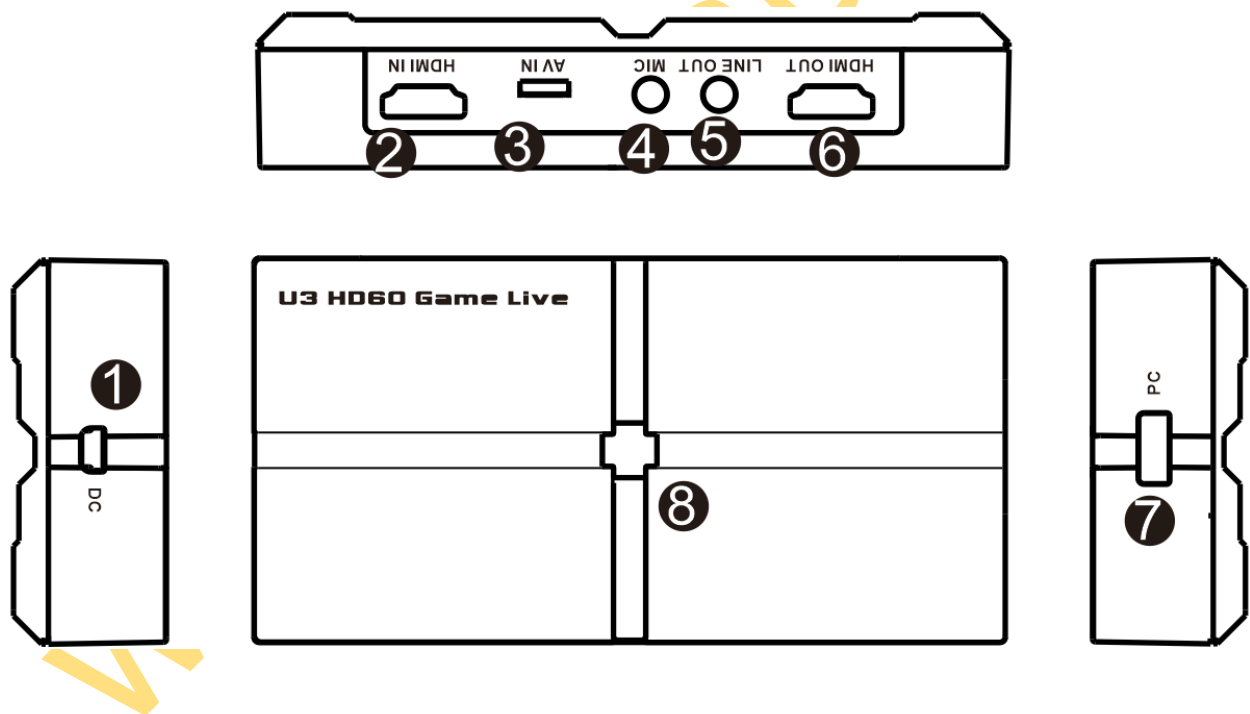
U3 全高清游戏直播盒

使用指南

非常感谢您购买我司研发生产的 ezcap263 U3 全高清游戏直播盒，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 ezcap263 U3 全高清游戏直播盒，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，可以接入 HDMI，色差，及复合视频三种输入，并能自动识别切换输入源。

产品特征：



1. DC—直流 5 伏供电端口。正常情况下无需使用该接口，除非电脑的 **USB3.0** 接口的电流偏低。或使用 **USB2.0** 接口（并不推荐使用 **2.0** 接口）供电不足时需要使用 **5V 1A** 以上的适配器通过 **USB** 迷你线连接供电。包装内容不包括直流电源部分。

2. HDMI IN—HDMI 输入

3. AV IN 一色差或复合视频输入口（通过所配的接口转接线）

4. MIC—麦克风输入口。

5. LINE OUT—音频输出口。

6. HDMI OUT—HDMI 输出端口，用于连接电视机或显示器来显示视频源影像

7. PC—通过所配的 USB3.0 线连接电脑，配合软件实现录制或串流功能。

Windows 系统操作说明

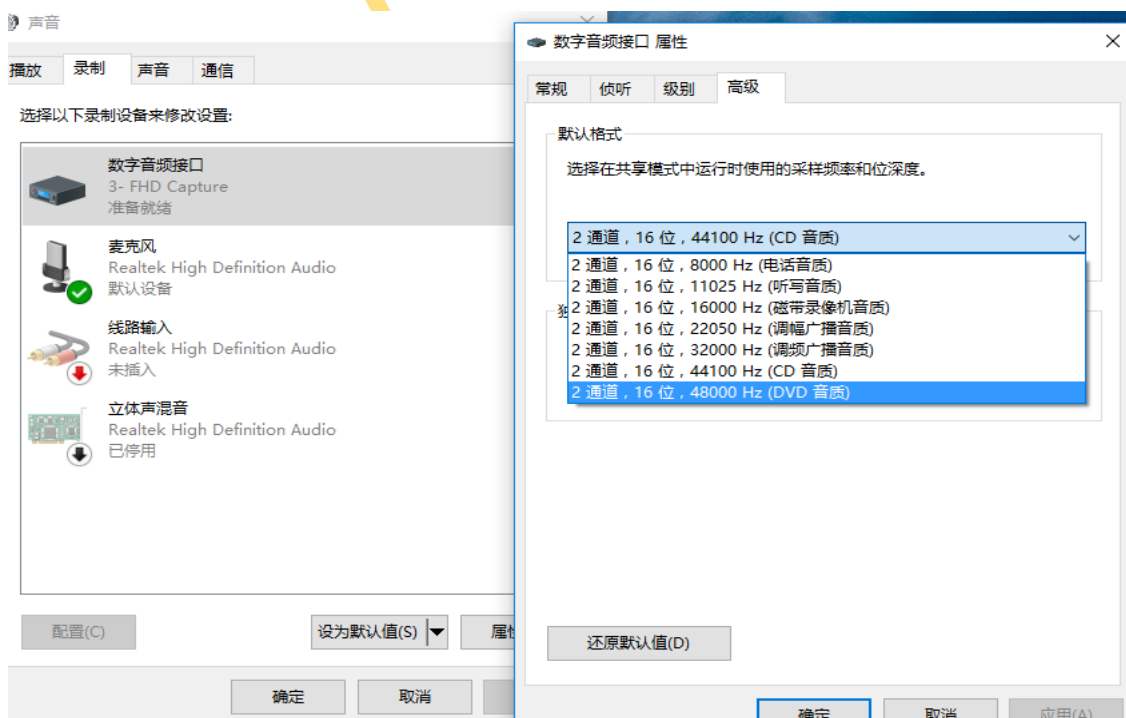
首先，设定音频采集采样率，这非常重要，否则你采集到的可能是糟糕的音频质量。

1, 用 USB3.0 线材连接 ezc263 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“FHD Capture”字样。连接任何一种视频源(AV,色差或 HDMI)到 ezc263 的输入口，会自动识别并切换，如果有需要可以连接 HDMI OUT 到电视机以预览视频。

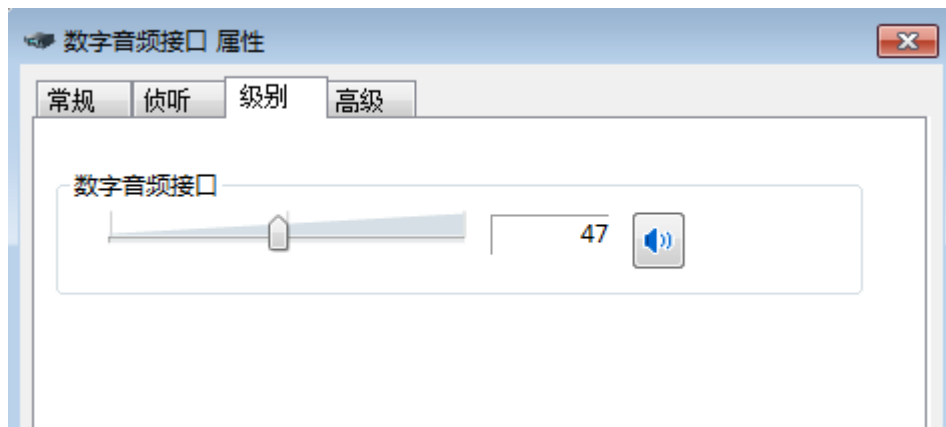
机器连接到电脑后，右击电脑桌面右下角的扬声器图标，选择“录音设备(R)”。



2, 双击“数字音频接口 FHD Capture”后，在出来的窗口下点击“高级”栏目条，绝大部分情况下，在如图的下拉框中选择“2 通道，16 位，48000 Hz (DVD 音质)”。也有极个别的情况如输入源为 32000HZ 或 44100HZ 时，需要相对应的设为 32000HZ 或 44100HZ。



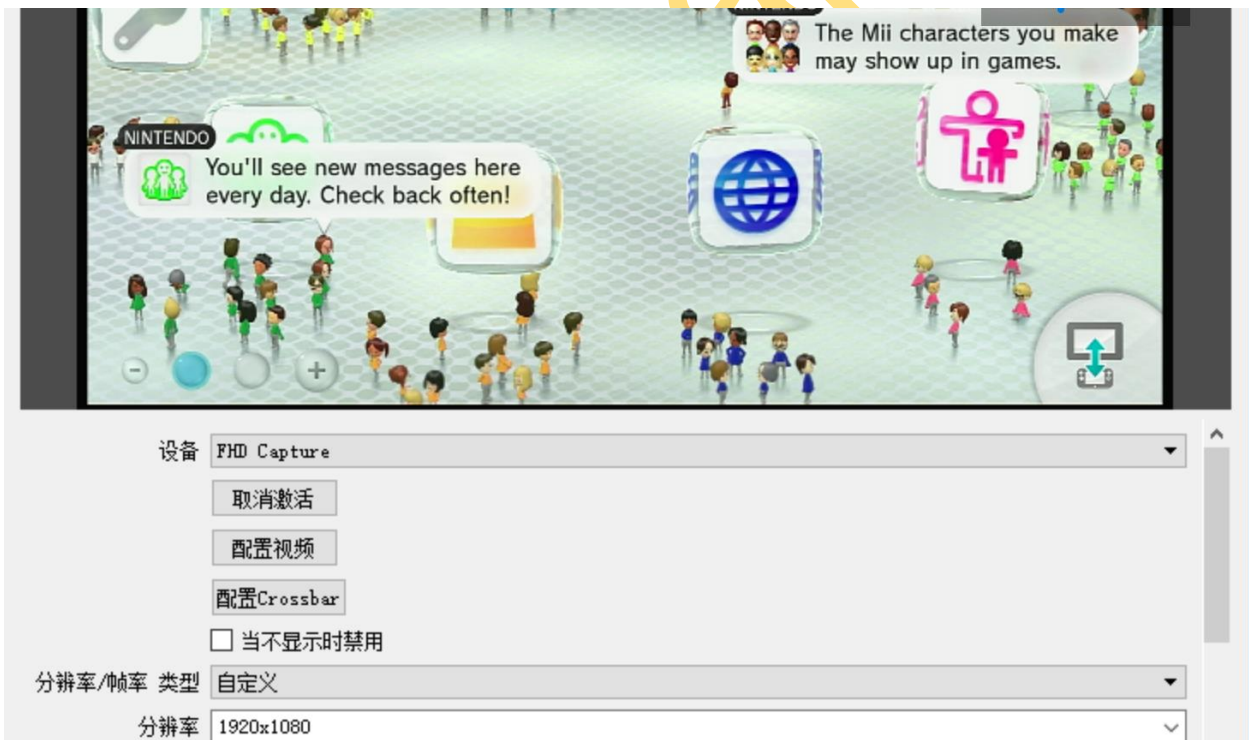
3, 如果发现没有音频输入, 或需要调整输入音频的幅度, 请点击”级别”栏目条, 并在如下窗口中取消静音或设定音量。

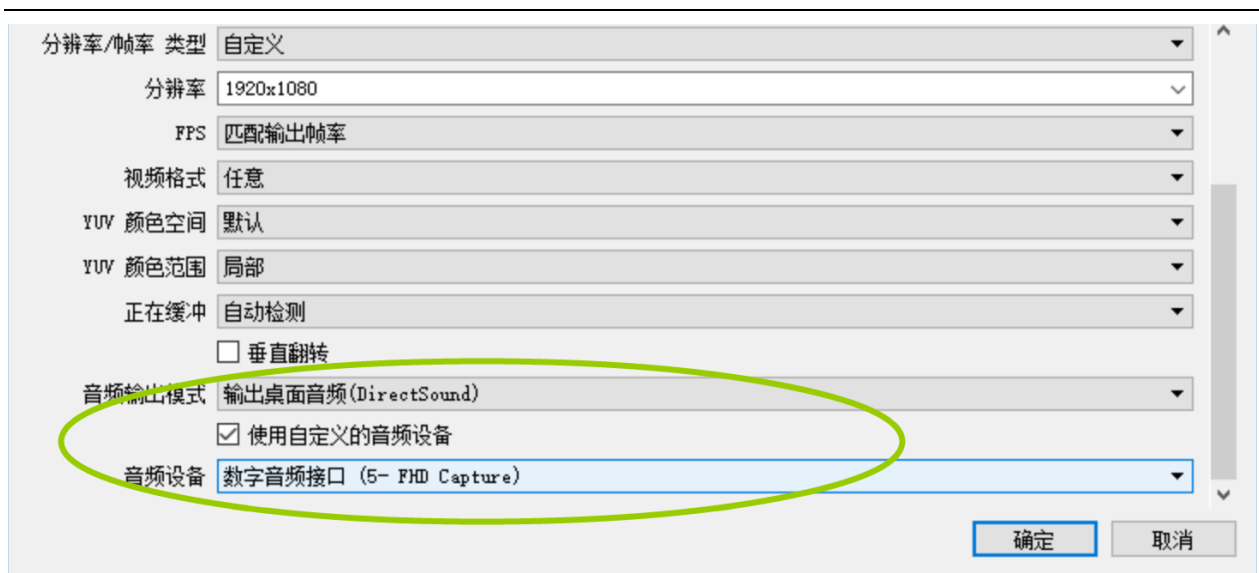


与 OBS Studio 软件配合使用:

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。

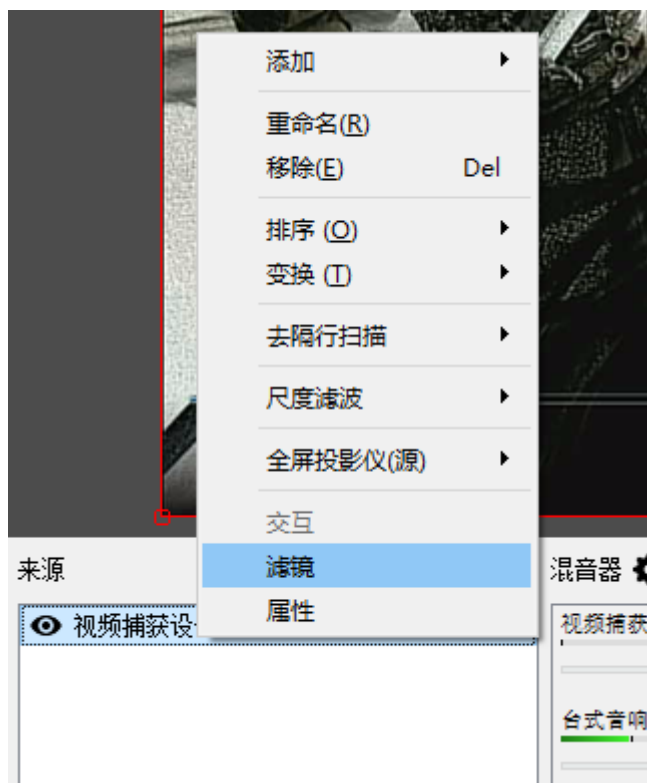
2, 双击打开 OBS Studio 软件, 点击”来源”窗口下的 “+”图标, 在出来的画面里点击 “视频捕获设”。在“设备”旁的下拉框里选择 “FHD Capture”, 在”音频输出模式”旁下拉框里选择”输出桌面音频(WaveOut)”, “音频设备”旁的下拉框里选择”数字音频接口(2-FHD Capture)”, 并点击”确定”。



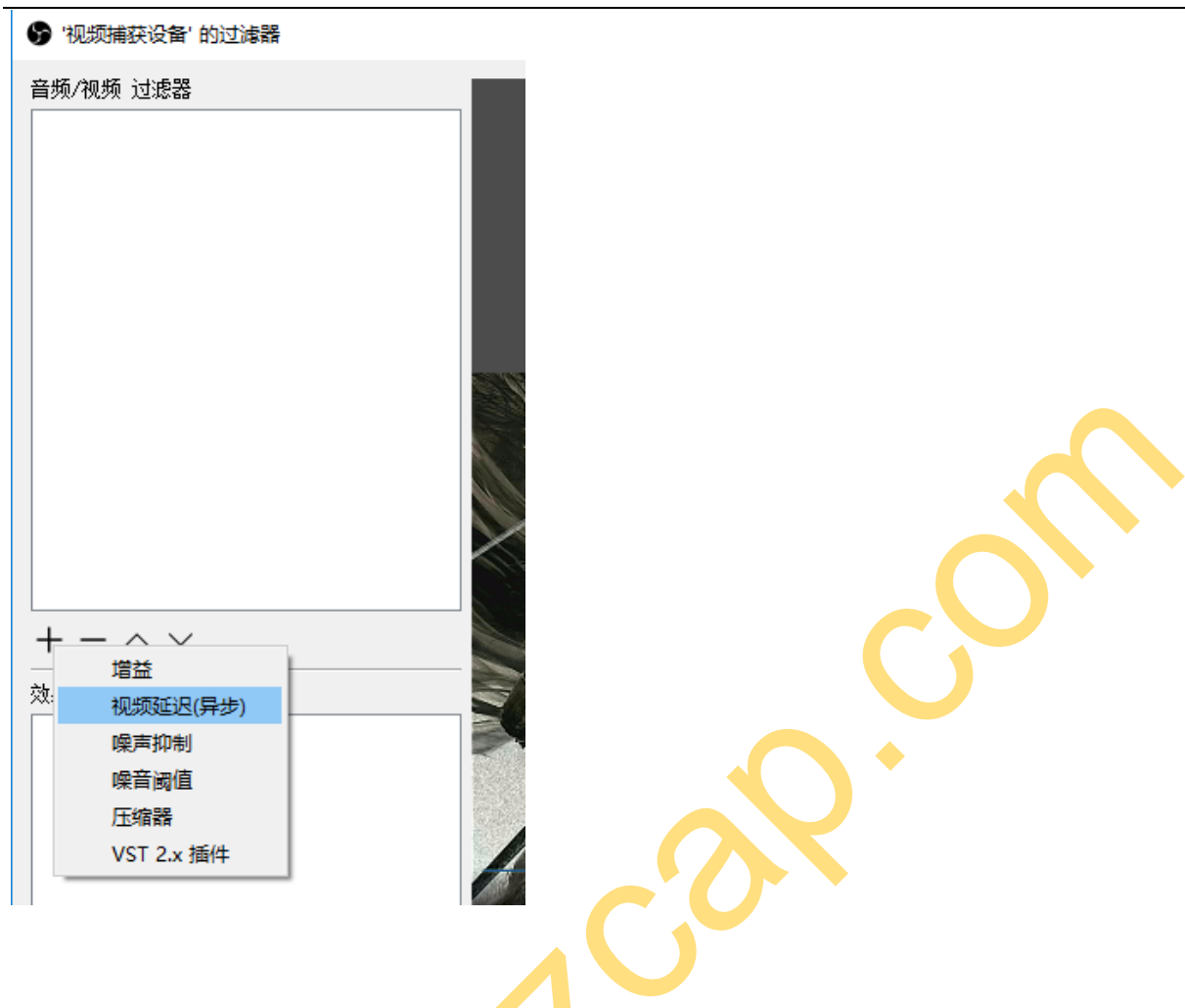


4, 为了使音视频同步, 设置视频延迟。

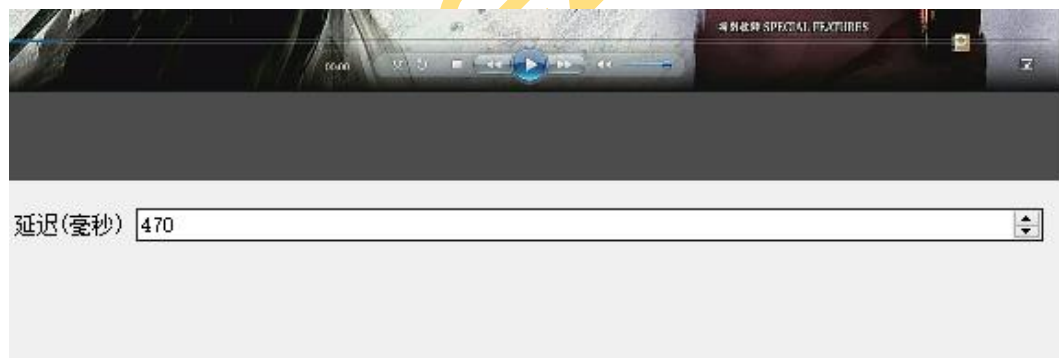
-右击"视频捕获设备", 选择"滤镜"。



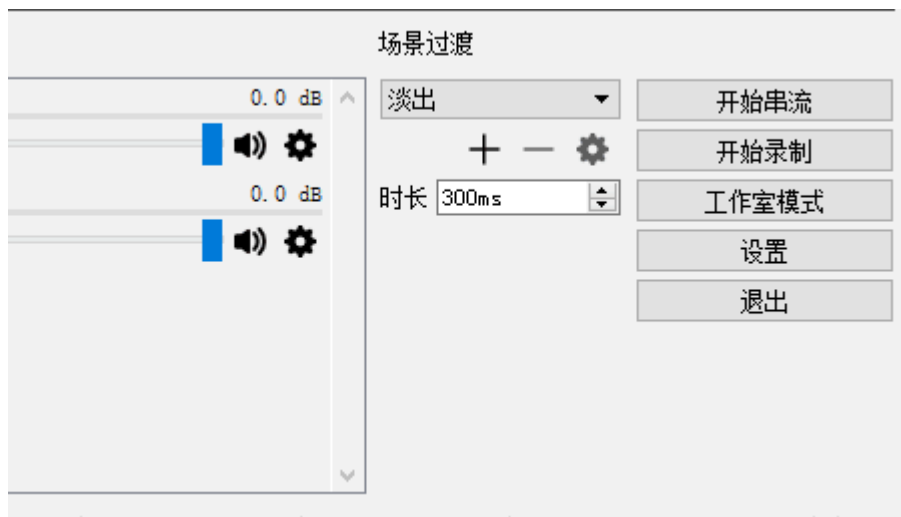
-在弹出的视窗中, 点击"+"后选择"视频延迟(异步)"。



-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。



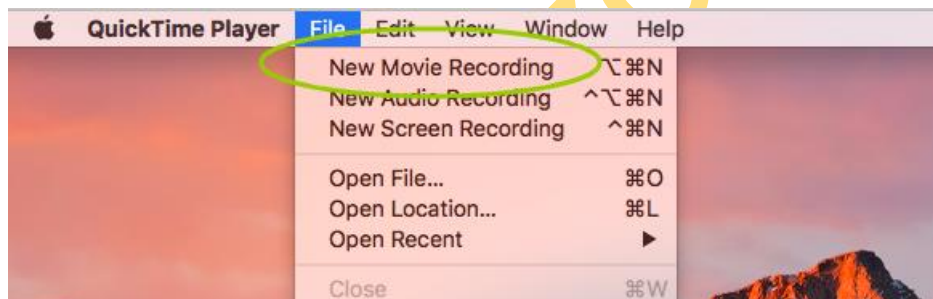
如果你想与其它第三方应用软件配合使用（比如 VLC, Media encoder, Potplayer...），只要选择该软件的采集设备为“FHD Capture”即可。

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 “FHD Capture”:



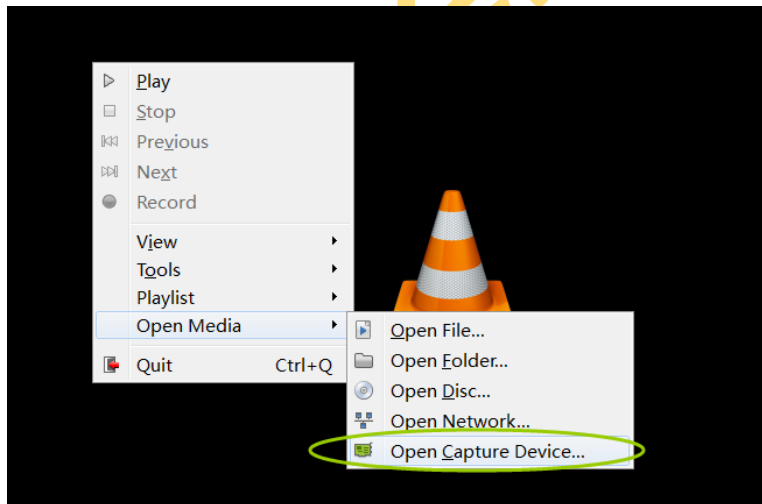
Linux 系统使用说明

配合 OBS Studio 使用，通 Windows 使用说明相同。

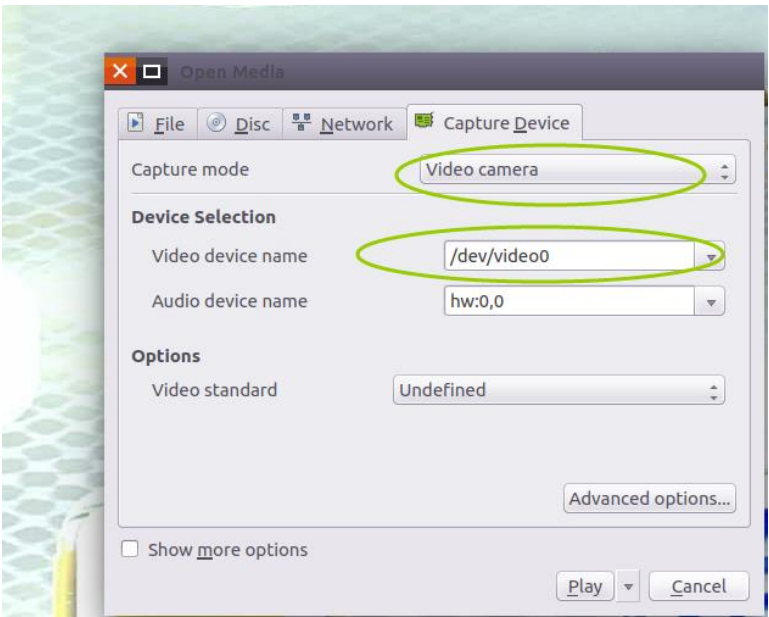
(注：您的 Linux 系统配置一定要符合 OBS Studio 运行要求)

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”



产品规格参数:

接口连接

界 面	USB 3.0
视频输入	HDMI, 色差, AV
音频输入	HDMI , 左右声道, 麦克风
视频输出	HDMI
音频输出	HDMI, 线路输出

硬件规格

尺寸	141*72*29 毫米
重量	115 克

包装内容

设备	ezcap263 U3 全高清游戏直播盒
其它	USB3.0 线材, 多用视频线(用于色差分量、AV 和左右声道输入), 使用指南

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) HDMI 输出: 1920 x 1080 (60p)
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