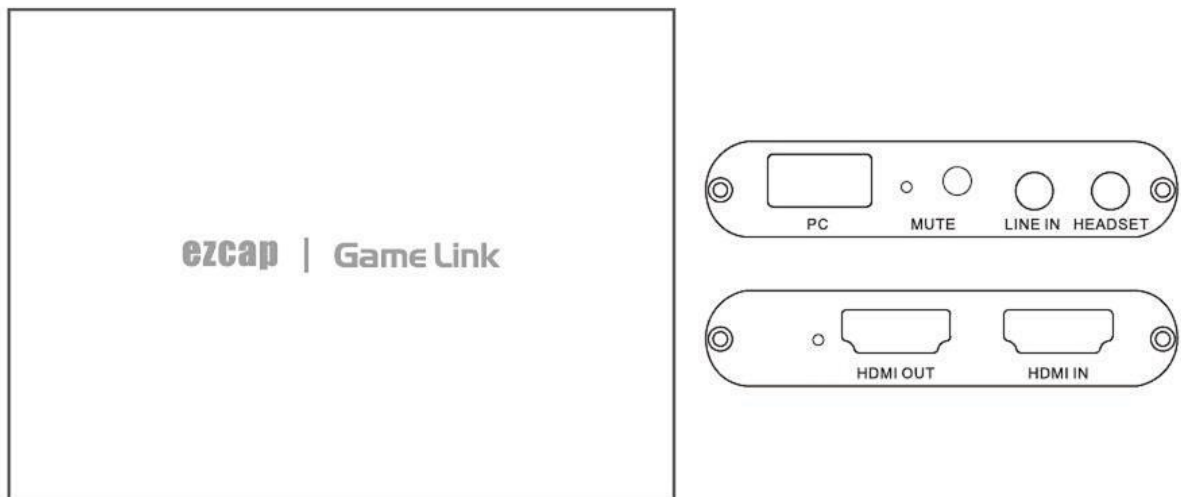

ezcap Game Link

Quick Start Guide

Thanks for purchasing ezcap311P ezcap Game Link device, the following guides you how to set up. Hope this device will bring you nice digital experience.

With ezcap Game Link, just plug to your PC (Windows, Mac, Android), no need install driver, you can use any 3rd party software to capture or stream your HD game, or other HD video source. The ezcap Game Link allows you input and output 4Kp60 HDMI signal, and also capture/live stream 1080P60 video.

Connection Ports:



1. PC – To connect to computer USB port
2. Mute switch and LED – Press switch, red LED will be on, and background sound of HDMI video will be muted
3. LINE IN – 3.5mm audio line input
4. Headset – 3.5mm audio for line output to earphone and microphone input (CTIA)
5. HDMI Input - Connect to video source with HDMI cable
6. HDMI Output - Connect to TV or Monitor with HDMI cable to display video source
7. LED – Blue LED will be on when connect to computer, and flash when device running

Work with OBS on windows

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

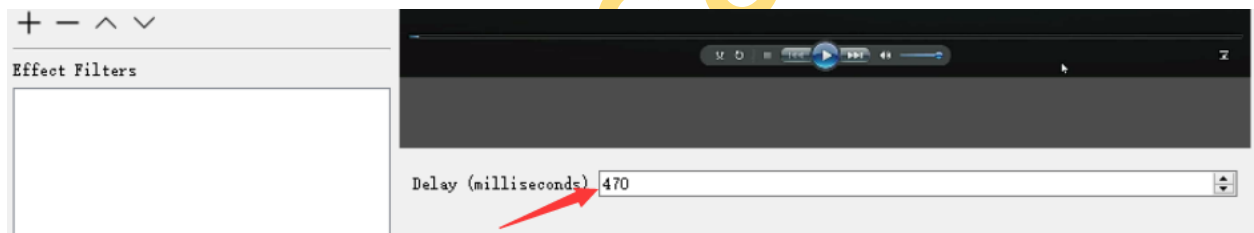
Connect USB port of ezcap Game Link to computer, and connect to video source with HDMI cable. Windows will install the driver automatically, and you will see “ezcap Game Link” and “ezcap Game Link ” in device manager.

2, Run OBS Studio, Click “+” icon under “Sources” window, and select “Video Capture Device”, you can create one name you want. A window will appear, please select “ezcap Game Link” in the drop box next to “Device”.

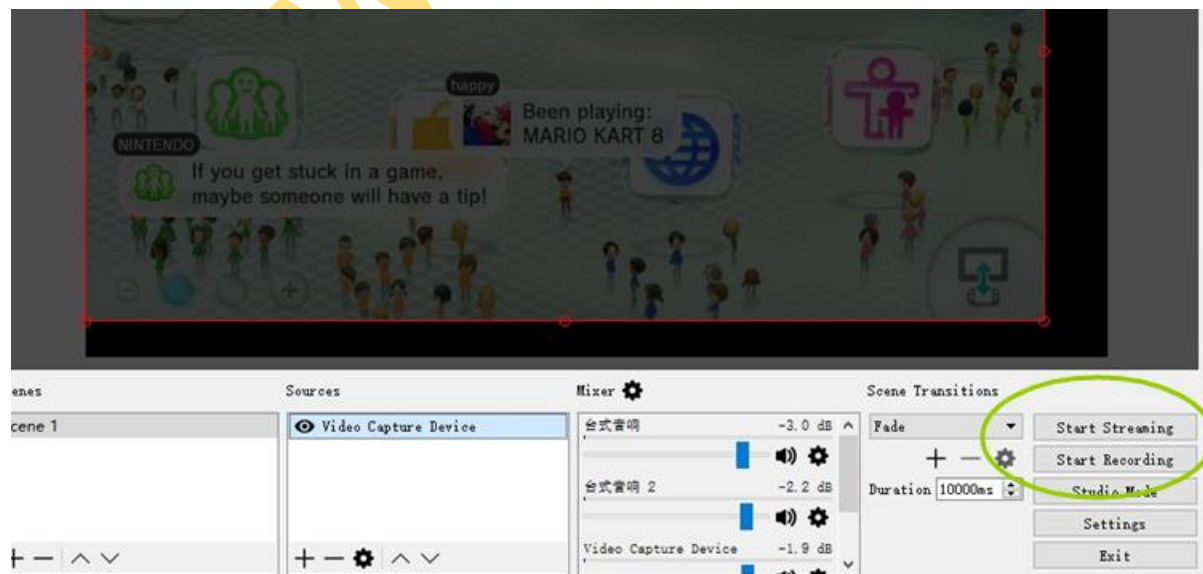
3, At Set Audio Output Mode to “Output desktop audio (WaveOut)”. Tick “Use custom audio device”, and select “ezcap Game Link ” in the drop box next to “Audio Device”:



4, Set the video latency for make the audio and video synchronized. Right click “Video Capture Device” then click “Filters”. Click to add “Video Delay (Async)”. Set it to 470ms (You can adjust it smaller or bigger until you found the audio and video synchronized):



5, Now you can recording or streaming video:



For other applications, the settings are similar as above, just run the application then choose video capture

device to “ezcap Game Link”. And also need to set for synchronous problem, please learn more from other ways.

Working with OBS on Mac is similar as above on Windows: download and install OBS studio, then do the same settings. This product is mainly used in Microsoft systems, not recommended for MAC systems.

Specifications:

Interface	USB
Video Input	HDMI
Video Output	HDMI
Audio Input	HDMI, 3.5mm audio LINE IN, 3.5mm Microphone input (CTIA)
Audio Output	HDMI, 3.5mm audio LINE OUT (CTIA)
System Requirement	Windows 7,8,10, OS X 10.9 or later. 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
Resolution	HDMI Input / Output: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p), 3840 x 2160 (30p), 3840 x 2160 (60p).
Record Quality	Max 1080P60
Package Contents	ezcap311P ezcap Game Link, USB cable, Manual
Dimensions	95*69*16 mm

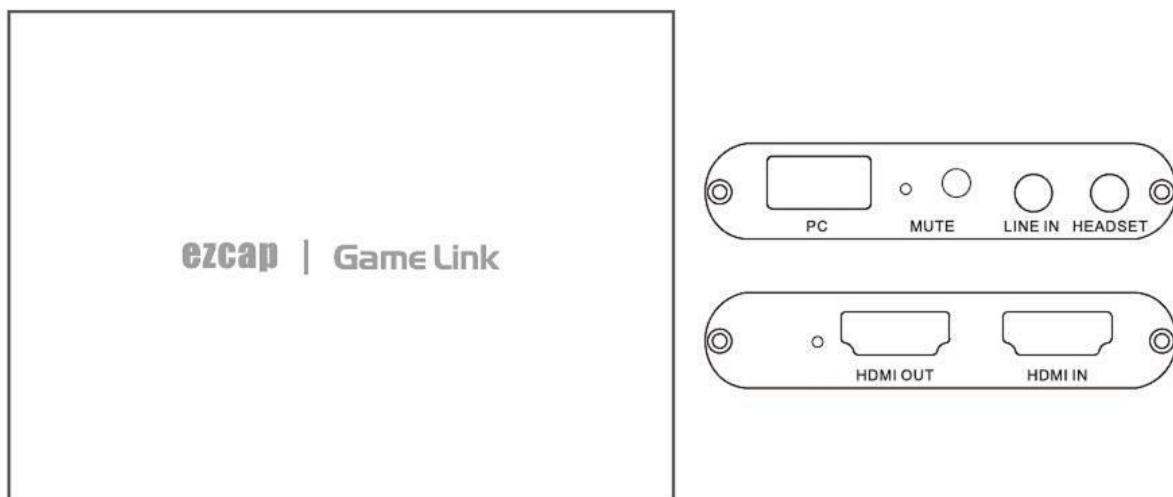
ezcap 高清视频采集盒

使用指南

非常感谢您购买我司研发生产的 ezcap Game Link 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 ezcap Game Link 高清视频采集盒，你仅仅需要连接到你的电脑(windows, mac, 安卓系统均支持)，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。ezcap 高清视频采集盒，允许你输入 4Kp60 HDMI 信号，和录制 1080p 全高清视频文件。

产品接口：



1. PC – 连接电脑 USB 接口
2. MUTE 消音开关和指示灯 – 按下红色指示灯亮起，此时 HDMI 背景音被消音
3. LINE IN 外部线路输入 – 3 节 3.5mm 线路音频输入
4. HEADSET 耳麦接口 – 耳麦接口，同时麦克风输入和耳机输出 (支持 CTIA 标准)
5. HDMI IN / HDMI 输入接口 - 使用 HDMI 连接线连接视频输入源
6. HDMI OUT / HDMI 输出接口- 使用 HDMI 连接线连接到电视机或监视器后，可显示视频输入源内容
7. LED 指示灯 – 蓝色 LED 连接电脑常亮，打开采集软件设备运行，会闪烁

Windows 系统下操作 OBS 说明

1, 请去 obsproject.com/download 链接, 下载 OBS Studio 安装程序, 并根据安装程序提示安装。

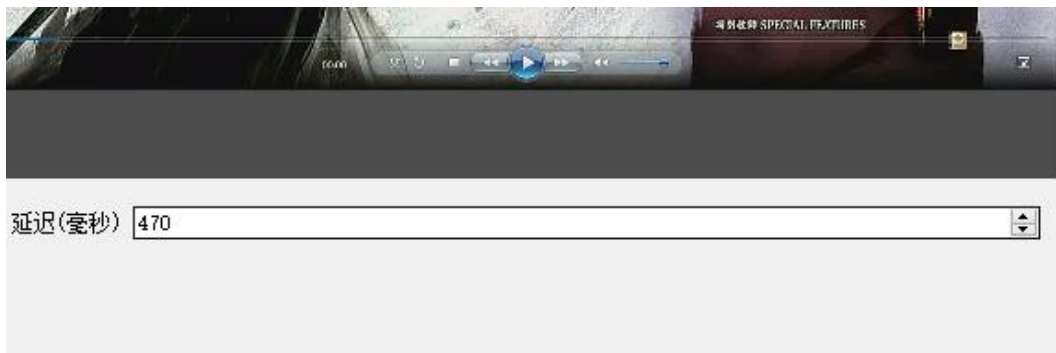
2, 用 ezcap USB 高清视频采集盒的 USB 端子连接电脑的 USB 接口, 系统将会自动安装好硬件, 你可以在“设备管理器”下发现“ezcap Game Link”和“ezcap Game Link”设备名称。用一根 HDMI 线材连接 ezcap 高清视频采集盒和需要采集视频源的 HDMI 输出接口, 就完成了初步安装和连接工作。

3, 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“视频捕获设备”, 然后点击“确定”。在“设备”旁的下拉框里选择“ezcap Game Link”, 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“ezcap Game Link”, 并点击“确定”。

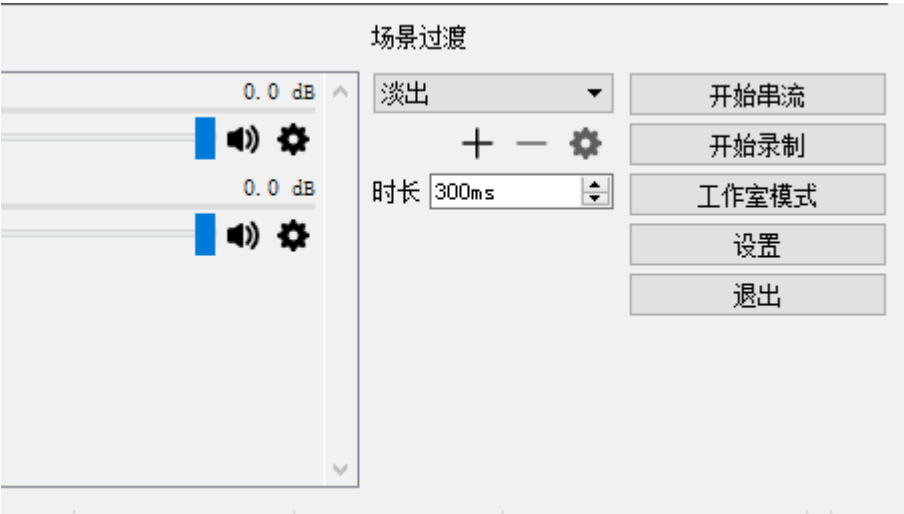


4, 为了使音视频同步, 设置视频延迟。

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。



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“ezcap Game Link”即可。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。

在 Mac 系统下, 配合 OBS Studio 使用, 与 Windows 使用说明类似。

产品规格参数:

接口连接

界 面	USB
视频输入	HDMI
视频输出	HDMI
音频输入	HDMI, 3.5mm 音频输入, 3.5mm 带麦克风耳机输入(CTIA 标准)
音频输出	HDMI, 3.5mm 音频输出 (支持 CTIA 标准)
系统要求	Windows 7,8,10, Mac OS X 10.9 或以上。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,
支持分辨率	HDMI 输入/输出: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080

	(50p), 1920 x 1080 (60p), 3840 x 2160 (30p), 3840 x 2160 (60p).
采集质量	最高 1080P60
包装内容	ezcap311P 高清视频录制盒, USB 连接线, 产品使用指南
尺寸	95(长) X 69(宽) X 16(高) 毫米

www.ezcap.com