



尺寸: 100x66mm

ezcap333 

## GAMELINK RAW manual



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Thanks for purchasing ezcap333 Game Link Raw. Please read this manual before use and keep it in a safe place for future reference. You can use this device: Capture and stream HDMI video up to 2160p30 resolution on your computer, and mix microphone and audio line input.

### Overview In the Box

ezcap333 Game Link Rawx1, Manual x1, USB-C to A cable x1, USB adapter x1

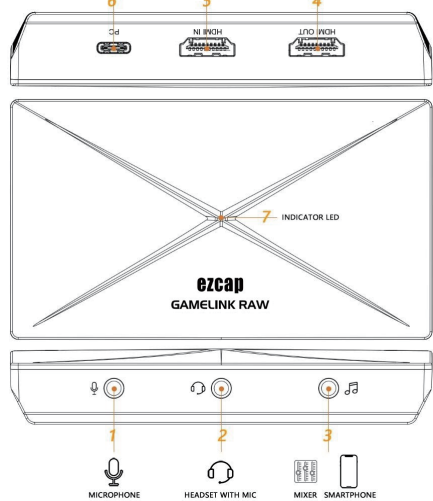
### Product Overview and Connections

1. MIC IN – 3.5mm TRS microphone input.
2. HEADSET – Connect a 4-pole headset with earphone and microphone, or a 3-pole earphone.
3. LINE IN – 3.5mm TRS audio line input, connect to audio source device by 3.5mm audio cable (not included).
4. HDMI OUT – Connect to TV with HDMI cable (not included).
5. HDMI IN – Connect to video source like game console with HDMI cable (not included).
6. PC – USB-C port, connect to USB port of computer.
7. Indicator Light – Power on: Red, HDMI Input: Blue, Device Running: Green.

### Software

For professional live streaming or recording, we suggest use OBS, download link: <https://obsproject.com/>

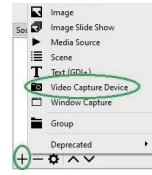
DESKTOP LAPTOP GAME CAMERA CAMCORDER TV-SET MONITOR



1 MICPHONE 2 HEADSET WITH MIC 3 MIXER SMARTPHONE

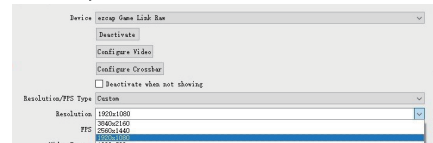
### Start Work Select Device

After download and installation, double click OBS Studio. Click icon + under Sources window, and select Video Capture Device. Click OK in the new pop-up window. Please click Device and select ezcap Game Link Raw.



### Video Setting

You should get the video in window. If not, and you see Check Resolutions Settings in the window, you need to set the video resolution. Click Resolution/FPS Type and select Custom, then click Resolution to select one resolution that same or smaller as the resolution of your video source.



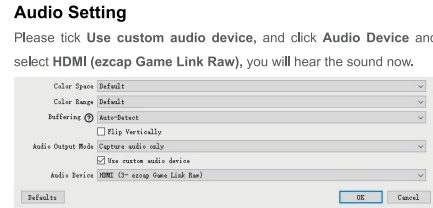
If resolutions of video source and device output are 3840 x 2160, you may find that the viewing picture is way out of the frame of OBS. Right click image window of OBS, select Resize output(source size), and you will get the whole picture.


You can click FPS to select the appropriate FPS - 30,60,Highest FPS, or Match Output FPS, and click Video Format to select XRGB, NV12, or YUY2.

Resolution	Video Format options	MAX FPS
3840*2160	NV12	30
1920*1080	NV12	120
	YUY2	60
	XRGB	30
2560*1440	NV12	60
	YUY2	50
	NV12	60
1280*720	YUY2	60
	XRGB	60

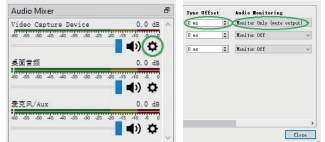
### Audio Setting

Please tick Use custom audio device, and click Audio Device and select HDMI (ezcap Game Link Raw), you will hear the sound now.



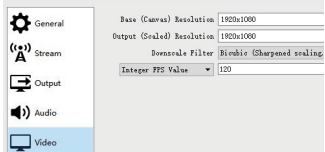
If you still cannot hear the sound, please click  under Audio Mixer and Video Capture Device at the bottom middle of OBS panel as below picture and select Advanced Audio Properties. Then click Audio

Monitoring and select Monitor Only (mute output). You still cannot get the sound after above setting, please click Audio Output Mode to select Output desktop audio (WaveOut). You should get the sound. Please set to - 470ms under Sync offset, for audio and video sync, you can adjust it till your audio video is synchronous.



### Recording

Click Settings of OBS panel, and click Video. Click Base (canvas) Resolution to select the appropriate resolution, and click Output (Scaled) Resolution to select the output resolution. Click Common FPS Values to select the FPS values. If you want to record 120HZ video, please click Common FPS Values and select Integer FPS Values, then enter 120 in the window on the right.



After setting, click Apply and Ok, then simply click Start Recording to start recording video, and click Stop Recording to stop recording.


### Streaming

Click Output in the Settings panel, in the Streaming column, set video quality for streaming (adjustments depends on your computer, network speed), then click icon Apply and OK. Click Stream, then you can click Service to choose the software platform you want, then click icon Apply and OK. Click Start Streaming to start streaming, and click Stop Streaming to stop streaming. Note: Please click the help at the top of the OBS, and learn more about OBS.


### Specifications

Interface	Type-C USB 3.0
Input & Output (Pass-Through)	HDMI 1.4
Audio Input	HDMI, 3.5mm CTIA headset jack, 3.5mm TRS Line In, 3.5mm TRS microphone
Audio Output	HDMI, 3.5mmCTIA headset jack
Max. Pass-Through Resolution	1080p120, 2160p30, 1440p60
Max. Recording Resolution	1080p120, 2160p30, 1440p60
Supported Resolution	2160p, 1440p, 1080p, 720p
Video Format	YUY2, NV12, RGB
Dimensions (W x D x H)	110 x 63 x 22 mm

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## 高清视频采集直播盒 说明书



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感谢您购买 ezcap333Game Link Raw视频采集直播盒。请在使用前阅读本手册并将其保存在安全的地方以备将来参考。您可以使用该设备:采集和直播HDMI超清视频,最高达2160p30,并可以与麦克风 and 线路音频输入混音。

### 概览 包装内容

ezcap333Game Link Raw视频采集直播盒x1, 说明书x1, USB-C转A连接线x1, USB转接头x1

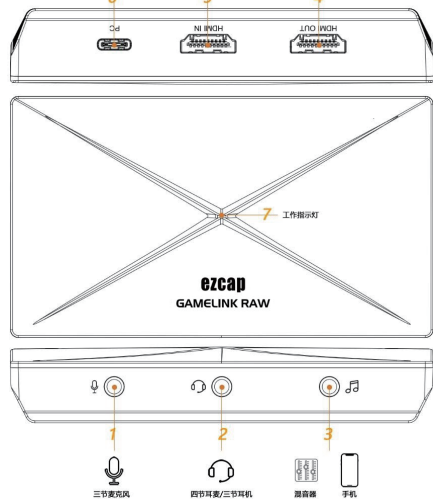
### 产品概览及连接

1. MIC IN – 3.5mm TRS 麦克风输入
2. HEADSET – 连接四节耳麦,或三节耳机。
3. LINE IN – 3.5mm TRS 音频线路输入,用音频线连接到音频源设备。
4. HDMI OUT – 使用HDMI线连接到电视。
5. HDMI IN – HDMI 输入,用HDMI线连接视频源。
6. PC – 连接电脑USB接口。
7. 状态指示灯 – 通电: 红色, HDMI信号输入: 蓝色, 设备运行: 绿色。

### 软件

我们推荐免费的专业的直播及录制软件OBS, 下载地址: <https://obsproject.com/>

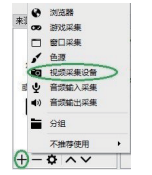
DESKTOP LAPTOP GAME CAMERA CAMCORDER TV-SET MONITOR



1 三节麦克风 2 四节耳麦/三节耳机 3 混音器 手机

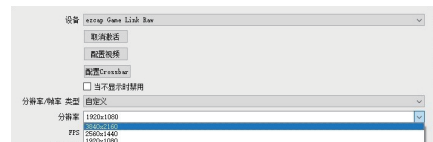
### 开始使用 设备选择

下载并安装后, 双击桌面上的OBS Studio图标。单击OBS面板左下角的图标+, 然后选择视频采集设备。在弹出的窗口中单击确定, 在弹出的窗口中单击设备旁边的下拉框, 然后选择ezcap Game Link Raw。



### 视频设置

设置完成后应该可以看到视频。如果不能, 并且在窗口上看到Check Resolutions Settings, 则需要设置视频分辨率。单击分辨率/ FPS类型, 然后选择自定义, 然后单击分辨率, 选择一种与你的视频源分辨率相同或更小的分辨率。

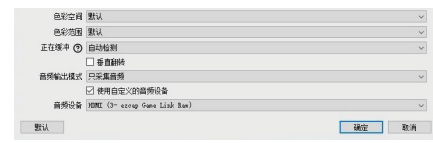



若您的视频源分辨率为3840 x 2160, 且将OBS分辨率也设置为3840x2160, 你还可能会发现画面超出了OBS画框的范围。此时可右击窗口图标, 选择调整输出大小(到源大小), 则可画面刚好填满画框。您可以点击FPS以选择适当的帧率 - 30, 60, 最高或匹配输出帧率。还可点击视频格式选择适当的视频格式 - XRGB, NV12, YUY2或任意。设备输出视频格式取决于分辨率, 不同分辨率下不同视频格式的最高可达帧率 (FPS) 对应关系如下:

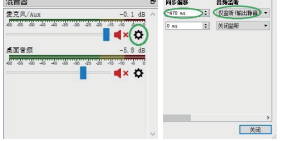
Resolution	视频格式	最大帧率
3840*2160	NV12	30
1920*1080	YUY2	60
	XRGB	30
2560*1440	NV12	60
	YUY2	50
	NV12	60
1280*720	YUY2	60
	XRGB	60

### 音频设置

请勾选使用自定义的音频设备, 然后单击音频设备, 选择HDMI (ezcap Game Link Raw), 你应该能立即听到声音。单击确定完成设置。




如果仍然听不到声音, 请单击混音器界面的  图标, 然后选择高级音频属性。在新的弹出窗口中, 单击音频监听, 然后选择仅监听 (输出静音)。



为了音视频同步, 请在上述弹出的窗口中的同步偏移下方填写- 470ms。您可依据实际情况调整数值, 直至音视频完全同步。最后单击关闭完成设置。如果无法完成上述音频设置听到声音, 还可以点击上方图片中音频输出模式, 选择输出桌面音频 (WaveOut), 这样就可以听到声音了。

### 录制

单击OBS面板右下角的设置按键, 然后在弹出的设置窗口中单击左侧的视频。单击基础 (画布) 分辨率选择适当的分辨率, 单击常用FPS值 (帧率) 选择FPS值。如果要录制120HZ视频, 请单击常用FPS值 (帧率) 本身的下拉框, 选择整数FPS值 (帧率), 然后在右侧栏框处输入120。在设置完成后, 单击设置界面右下角的应用和确定按钮以保存设置。



在各项设置完成后, 单击设置面板右下角的应用和确定, 然后只需单击开始录制即可开始录制视频, 单击停止录制即可停止录制。

### 推流 (直播)

单击软件界面的设置按键, 然后点击设置面板左侧的输出。在串流栏目下, 可以设置串流的视频比特率, 编码器, 音频比特率 (根据计算机配置及网络速度进行调整)。单击设置面板左侧的推流图标, 然后单击服务这一栏旁边的下拉框以选择所需的软件平台, 单击设置面板右下角的应用和确定图标完成设置。单击OBS软件面板右下角的开始推流开始直播, 单击停止推流

停止本次推流。注: 您可以单击软件界面顶部的帮助菜单了解更多OBS的操作和方法。

### 参数规格

接口	Type-C USB 3.0
视频输入/输出	HDMI 1.4
音频输入	HDMI, 3.5mmCTIA耳麦, 3.5mm三节线路输入, 3.5mm三节TRS麦克风输入
音频输出	HDMI, 3.5mmCTIA耳麦,
最大环出分辨率	1080p120,2160p30,1440p60
最大录制分辨率	1080p120, 2160p30, 1440p60
支持分辨率	2160p, 1440p, 1080p, 720p
视频格式	YUY2, NV12, RGB
尺寸 (长 x 宽 x 高)	110 x 63 x 22 mm

### 电脑系统需求 Windows 10 x64, USB 3.0端口 x1 笔记本电脑

录制4Kp30或1080p120 : Intel Core i7-7700HQ, NVIDIA GeForce GTX1050 Ti, 8 GB  
 录制1080p60 : Intel Core i7-4810MQ, NVIDIA GeForce GTX 870M, 8 GB  
 台式机  
 录制4Kp30或1080p120 : Intel Core i5-6XXX / AMD Ryzen 3 XXX, NVIDIA GTX 1060 / AMD RX 5700 or above, 8 GB

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