
ezcap334

ezcap

LIVE GAMER ULTRA

manual



Thanks for purchasing ezcap334 LIVE GAMER ULTRA. 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 or 1080p120 resolution on your computer, and with audio line output for headphone or speaker and audio line input for mixing audio.

Overview

In the Box

ezcap334 LIVE GAMER ULTRAx1, Manual x1

Product Overview and Connections



1. PCI-E X1: Connect to PCI-E slot of your computer.
2. LINEIN: Connect to Audio mixer, and mix the audio with video together.
3. LINEOUT: Connect to Earphone or Speaker.
4. HDMI IN: HDMI input port, connect to game console or other video source.
5. HDMI OUT: HDMI output port, connect to TV.
6. Status Indicator: Power on – Red. HDMI input – Blue. Device running –Colorful flash slowly.

Hardware

Before installing ezcap334 LIVE GAMER ULTRA capture card, make sure your computer has a free PCI-E X1 slot. Before you get started, make sure your PC is shut down. Then disconnect all the cables from the back of the computer. Only begin this process when everything is disconnected.

Remove the cover on the PC. After you identify a PCIe slot, unscrew the small metal bracket attached to the computer case directly behind the PCIe slot. Gently yet firmly, slide the video capture card into the PCIe slot, making sure it's fully locked down. Screw the card into the back of the case so that the inputs and outputs are exposed on the back of the computer case. Place the panel on the case, put the screws back in, and stand the case upright. Plug all the cables back into the case. Power on the PC.

System will automatically recognize the game capture card, and you will see the device name **ezcap Live GAMER ULTRA** in the Device Manager, which means that the device is ready to work.

Note: Please cancel the hibernation setting of the computer, otherwise, a blue screen may appear after hibernation or the computer needs to be restarted.

We do not recommend using the device on Windows 7 system, but if you need, please download the driver and install it: <http://www.cddownload.top/ezcap323win7driver.zip>.

Software

For professional live streaming or recording, we suggest use OBS, download link:

<https://obsproject.com/>

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 Live GAMER ULTRA**.



Video Setting

You should get the video in window. If not, and you see **Check Resolutions Settings** on 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.

Device

ezcap Live GAMER ULTRA

Deactivate

Configure Video

Configure Crossbar

☐ Deactivate when not showing

Resolution/FPS Type

Custom

Resolution

3840x2160

FPS

Match Output FPS

Video Format

Any

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**.

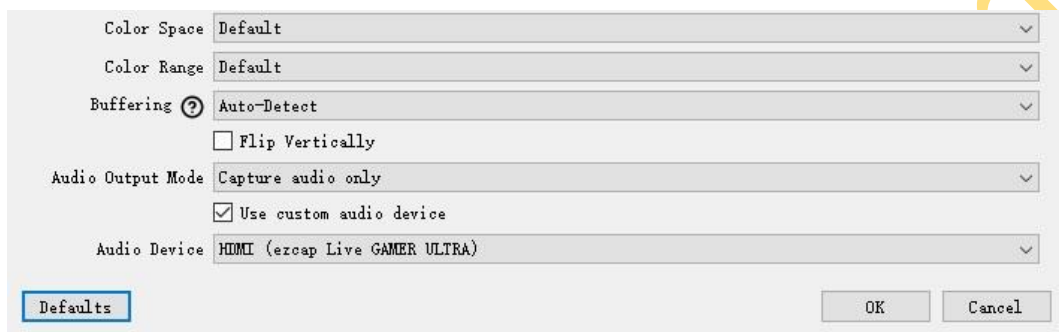
The video format options depend on resolution, the max FPS depends on both resolution and video format:

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

	XRGB	60
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Audio Setting

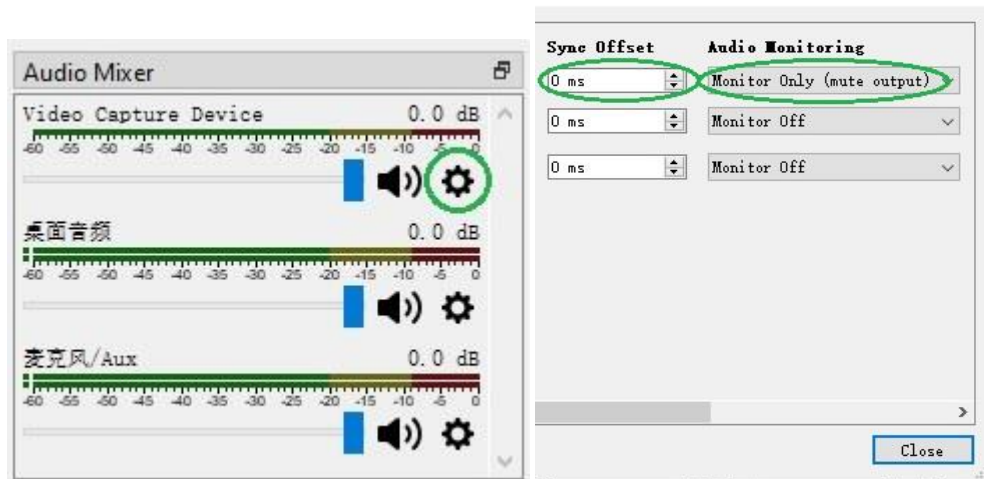
Please tick **Use custom audio device**, and click **Audio Device** and select **HDMI (ezcap Live GAMER ULTRA)**, you will hear the sound now.



If you still cannot hear the sound, please click **Setting** 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)**.

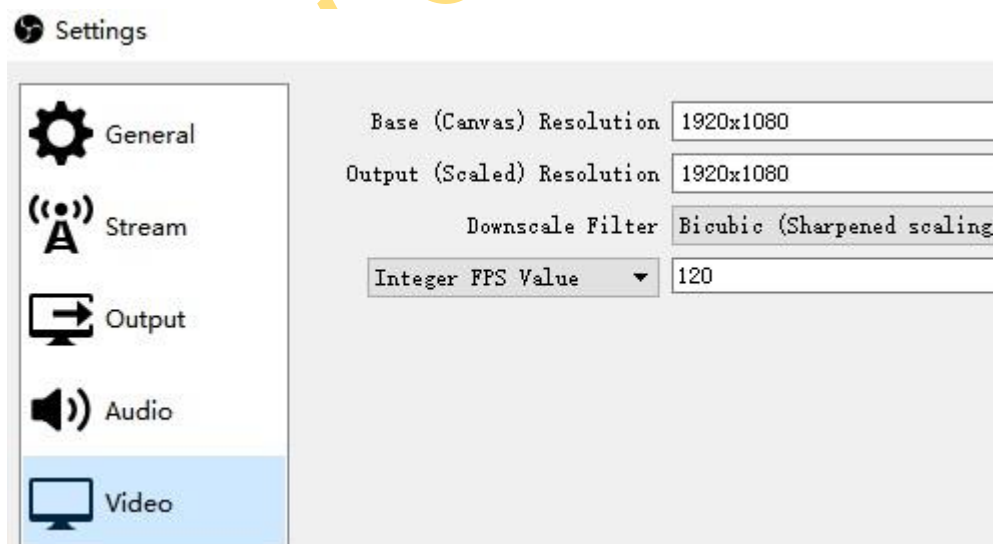
You still cannot get the sound after above setting, please click **Audio Output Mode** to select **Output desktop audio (WaveOut)**. You should get the sound.

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 **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.

Specifications

Interface	PCIe Gen 2 X1
Input & Output (Pass-Through)	HDMI2.0
Audio Input	HDMI,3.5mm TRS Line In
Audio Output	HDMI,3.5mm TRS Line Out
Max.Pass-Through Resolution	2160p60 HDR, 1440p144, 1080p240
Max. Recording Resolution	1080p120, 2160p30,1440p60
Supported Resolution	2160p, 1440p, 1080p, 720p
Video Format	YUY2, NV12, RGB

Dimensions (W x D x H)	151 x 121 x 22 mm
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Operating system

Windows 10 x64, PCI-E X1 slot

For 4Kp30 or 1080p120 recording: Intel Core i5-6XXX / AMD Ryzen 3 XXX or above, NVIDIA GTX 1060 / AMD RX 5700 or above, 8GB RAM.

For 1080p60 recording (4Kp60 HDR pass-through supported): Intel Core i5-3330 or above (i7-3770 recommended), NVIDIA GeForce GTX 650 / AMD Radeon R7 250X or above, 4GB RAM.

Mac system requirement:

Mac Pro, Mac OS X High Sierra 10.15 and above, PCI-E X1 slot.

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高清游戏采集卡

说明书



感谢您购买 ezcap334 LIVE GAMER ULTRA 高清游戏采集卡。 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，并可以和线路音频输入混音，线路输出音频。

概览

包装内容

ezcap334 LIVE GAMER ULTRA 高清游戏采集卡 x1, 说明书 x1

产品概览及连接



-
1. PCI-E X1: 插入到电脑的 PCI-E 插槽
 2. LINE IN: 连接混音器,可将音频与视频进行混音.
 3. LINE OUT: 连接耳机或音箱。
 4. HDMI IN: HDMI 输入接口, 连接到游戏机或别的视频源
 5. HDMI OUT: HDMI 输出接口, 连接到电视机
 6. 状态指示灯: 设备通电-红色。连接信号源-蓝色。打开软件设备运行-彩色缓慢闪烁。

硬件

在安装 ezcap334 LIVE GAMER ULTRA 游戏采集卡之前, 请确保您的计算机具有可用的 PCIe 插槽。在开始之前, 请确保您的电脑已关闭。然后从计算机背面断开所有电缆的连接, 仅在断开所有连接时才开始此过程。卸下主机上的护盖。识别 PCIe 插槽后, 拧下紧接在 PCIe 插槽后面的计算机机箱上的金属小支架。将视频采集卡轻轻而牢固地插入 PCIe 插槽, 确保其完全锁定。将卡拧入机箱的背面, 使输入和输出暴露在机箱的背面。将面板放在机箱上, 拧回螺钉。将所有电缆重新插入外壳。打开电脑电源。

系统会自动识别该游戏采集卡,你会在设备管理器看到设备名称 **ezcap Live GAMER ULTRA**,则表示设备已经可以工作了。

注:请取消电脑休眠设置, 否则休眠后会出现蓝屏或需要重启方可正常工作。

通常我们建议在 Windows 10 下使用该设备,而不建议于 Windows 7 下使用,如果您确实需要,请下载驱动并安装.<http://www.cddownload.top/ezcap323win7driver.zip>

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/>

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 Live GAMER ULTRA**。



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。

设备

ezcap Live GAMER ULTRA

取消激活

配置视频

配置Crossbar

☐ 当不显示时禁用

分辨率/帧率 类型

自定义

分辨率

3840x2160

FPS

匹配输出帧率

视频格式

任意

若您的视频源分辨率为 3840 x 2160, 且将 OBS 分辨率也设置为 3840x2160, 您还可能会发现画面超出了 OBS 画框的范围。此时可右击软件窗口, 选择**调整输出大小 (到源大小)**, 则可将画面刚好填满画框。

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**。

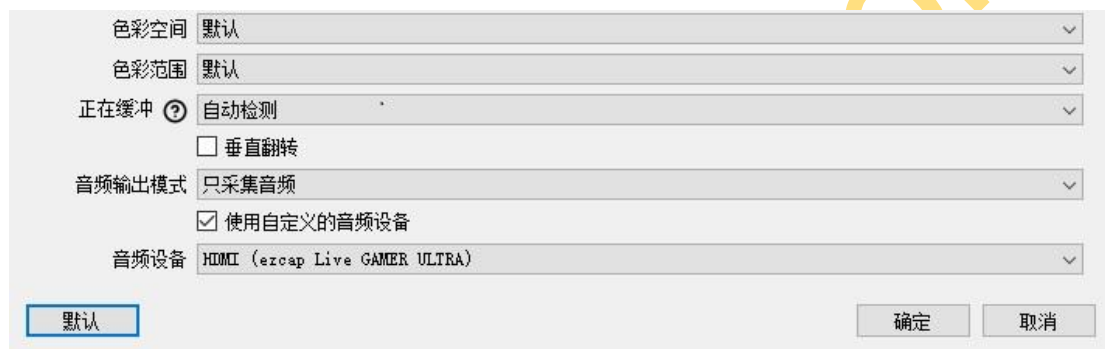
设备输出视频格式取决于分辨率,不同分辨率下不同视频格式的最高可达帧率 (FPS) 对应关系如下:

	视频格式	最大帧率
3840*2160	NV12	30
1920*1080	NV12	120
	YUY2	60
	XRGB	30
2560*1440	NV12	60
	YUY2	50
1280*720	NV12	60

	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 Live GAMER ULTRA)**,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**设置图标**,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.你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,还可以点击上面图片中**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**帧率**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**按键以保存设置。



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，点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，点击**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。

产品规格

接口	PCIe Gen2 X1
视频输入/输出	HDMI 2.0
音频输入	HDMI, 3.5mmTRS 线路输入
音频输出	HDMI, 3.5mmTRS 线路输出
最大环出分辨率	2160p60 HDR, 1440p144, 1080p240
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)	151 x 121 x 22 mm

电脑系统需求

Windows 10 x64, PCI-E X1 插槽

4Kp30 或 1080p120 录制: Intel Core i5-6XXX / AMD Ryzen 3 XXX 或以上, NVIDIA GTX 1060 / AMD RX 5700 或以上, 8GB RAM。

1080p60 录制 (4Kp60 HDR 环出支持): Intel Core i5-3330 or above (推荐 i7-3770) , NVIDIA GeForce GTX 650 / AMD Radeon R7 250X 或以上, 4GB RAM。

Mac:

Mac Pro, Mac OS X High Sierra 10.15 或以上, 空闲 PCI-E X1 插槽

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