



CAM LINK 4K PLUS

manual



Model: ezcap369

Ver: M36920240102

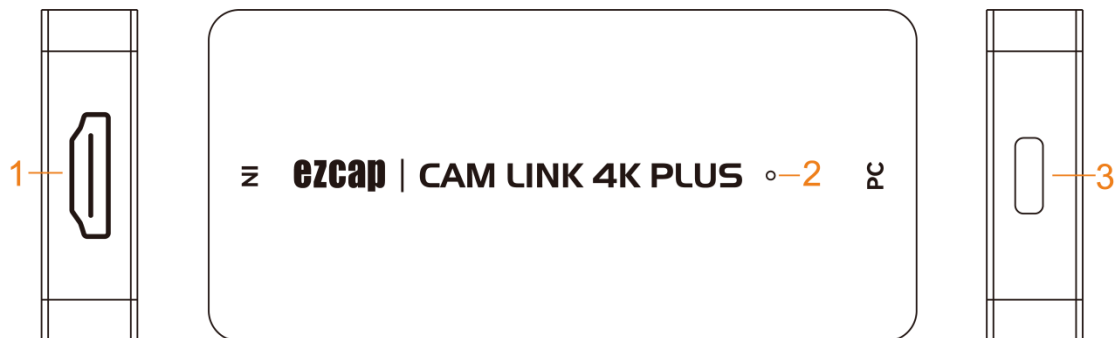
Thanks for purchasing ezcap369 CAM LINK 4K PLUS capture card. Please read this manual before use and keep it in a safe place for future reference. You can use this device: capture and stream HDMI video up to 2160p30, 1080p120 and 1440p60 resolution on your computer.

Overview

In the Box

ezcap369 CAM LINK 4K PLUSx1, USB-C to A/C cable x1, Manual x1

Product Overview and Connections



1. **IN:** HDMI input port, connect to camera or other video sources.
2. **Status Indicator:** RED – power on, BLUE – HDMI input, GREEN – device running.
3. **PC:** USB-C 3.0 port, connect to your computer.

Hardware

Connect your device to the USB port of the computer with included USB cable, the system will automatically recognize the game capture card, and you will see the device

name **ezcap CAM LINK 4K PLUS** in the Device Manager, which means that the device is ready to work.

Camera Tips

The tips will ensure the best experience and image quality when using a camera with ezcap369 CAM LINK 4K PLUS.

These are general tips and may not apply directly to the camera you are using.

1, **Disable AUTO SHUTOFF**: Most cameras will automatically turn off to prevent battery drain. For video calls, the camera needs to stay on indefinitely. Automatic power shut off settings are most often found in the power settings of the camera.

2, **Clean HDMI OUTPUT**: Cameras output graphical user interface elements such as battery levels and resolution settings. This can be disabled by going into HDMI menu of camera and disabling HDMI info display, or by pressing the info button on your camera multiple times.

3, **Use an AC ADAPTER**: Most cameras cannot operate and charge at the same time. An AC adapter or dummy battery must be used to trick the camera into thinking it is running on battery power indefinitely.

4, **Set to MOVIE MODE**: Look for the Movie Mode option, typically indicated by a film camera icon on a camera's mode dial.

Software

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

link:<https://obsproject.com/>

Note: ezcap369 CAM LINK 4K PLUS capture card also can work with Mac OS X, and please download OBS Mac version. The operation is similar as working under Windows as below.

Start Work

Select Device

After download and installation, double click **OBS Studio** icon on desktop to run OBS.

Click icon + under **Sources** window at the bottom left of OBS panel, and select **Video Capture Device**. Click **OK** in the new pop-up window. You also can insert a name you want to create for the device. One window will appear you after above. Please click the drop-down box next to **Device** and select **ezcap CAM LINK 4K PLUS**.



Video Setting

After set, you should get the video in window. If you want to set the video resolution, click the drop-down box next to **Resolution/FPS Type** and select **Custom**, then click the drop-down box next **Resolution** to select one resolution, then you will see the video on the window.

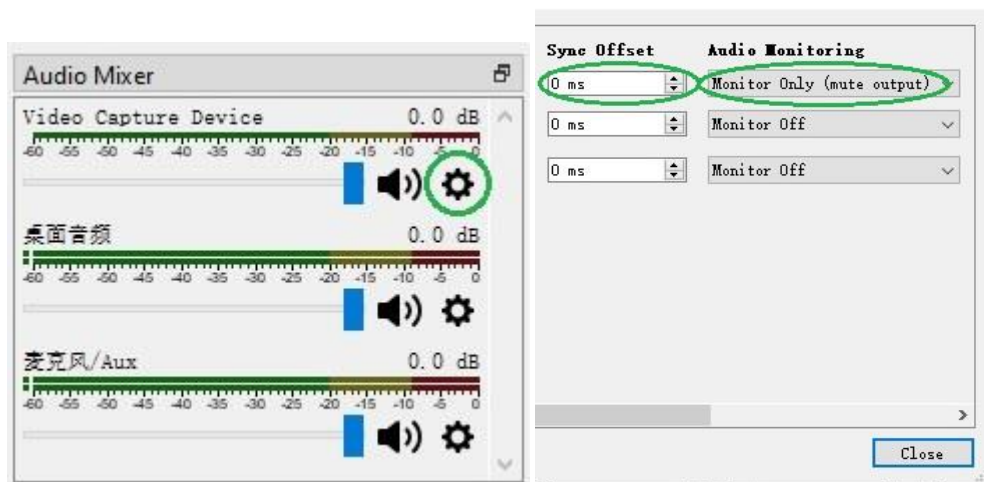
The screenshot shows a configuration window for the 'ezcap CAM LINK 4K PLUS' device. The window has a light gray background and contains several settings:

- Device:** A dropdown menu showing 'ezcap CAM LINK 4K PLUS'.
- Buttons:** 'Deactivate', 'Configure Video', and 'Configure Crossbar' are located below the device name.
- Deactivate when not showing:** An unchecked checkbox.
- Resolution/FPS Type:** A dropdown menu set to 'Custom'.
- Resolution:** A dropdown menu set to '3840x2160'.
- FPS:** A dropdown menu set to '30'.
- Video Format:** A dropdown menu set to 'NV12'.
- Color Space:** A dropdown menu set to 'Default'.
- Color Range:** A dropdown menu set to 'Default'.
- Buffering:** A dropdown menu set to 'Auto-Detect'.
- Flip Vertically:** An unchecked checkbox.
- Apply rotation data from camera (if any):** A checked checkbox.
- Use hardware decoding when available:** An unchecked checkbox.
- Audio Output Mode:** A dropdown menu set to 'Capture audio only'.
- Use custom audio device:** A checked checkbox.
- Audio Device:** A dropdown menu set to 'HDMI (ezcap CAM LINK 4K PLUS)'.
- Buttons:** 'Defaults', 'OK', and 'Cancel' are at the bottom.

Audio Setting

You may cannot hear the sound when you finish above settings. Please tick **Use custom audio device**, and click the drop-down box next to **Audio Device** and select **HDMI (ezcap CAM LINK 4K PLUS)**, you will hear the sound now.

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** in the low right corner of OBS panel, and click **Video** on the left in the pop-up Settings window. Click the drop-down box next to **Base (canvas) Resolution** to select the appropriate resolution, and click the drop-down box next to **Output (Scaled) Resolution** to select the output resolution. Click the drop-down box next to **Common FPS Values** to select the FPS values. After set, click **Apply** and **Ok** in the low right corner of Settings panel, then simply click **Start Recording** in the low right corner of OBS panel to start recording videos, 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 in the Settings panel. Click **Stream** in the Settings panel, then you can click the drop-down box next to **Service** to choose the software platform you want, then click icon Apply and OK in the Settings panel.

Click **Start Streaming** in the low right corner of OBS panel to start streaming, and click **Stop Streaming** to stop streaming.

Note: Please click the **help** at the top of the OBS interface, and learn more about OBS in the link that pops up.

Specifications

Interface: USB 3.2 (Gen 1) Type-C

Video Input: HDMI™ 1.4 4K30 specification enabled

Audio Input: HDMI

Max Input Resolution: 2160p30, 1440p60, 1080p120

Max Record Resolution:

3840 x 2160 - 30fps/MJPEG /NV12/I420.

2560 x 1440 - 60fps /NV12/I420/YUY2/MJPEG

2560 x 1080 - 60fps/NV12/I420/YUY2/MJPEG.

1920 x 1080 -120fps/MJPEG/NV12/I420, 60fps/YUY2/RGB24

1280 x 720 - 60fps/NV12/I420/YUY2/RGB24/MJPEG.

Dimensions (W x D x H): 86x40x12 mm

Net weight: 40g

Operating System

Windows 10 x64 / 11 x64, USB 3.2 (Gen 1) Portx1

Desktop: Intel Core i5-6XXX or above, NVIDIA GeForce GTX 1060 or above.

Laptop: Intel Core i7-7700HQ or above, NVIDIA GeForce GTX1050 Ti or above.

8 GB RAM recommended.

macOS 11 / 12, USB 3.2 (Gen 1) Port x1

Apple M1 or Intel i7 quad-core or above, Radeon Pro 555 with 2 GB of VRAM, 16 GB of 2400 MHz DDR4 memory.



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



CAM LINK 4K PLUS

超清采集卡

说明书



型号：ezcap369

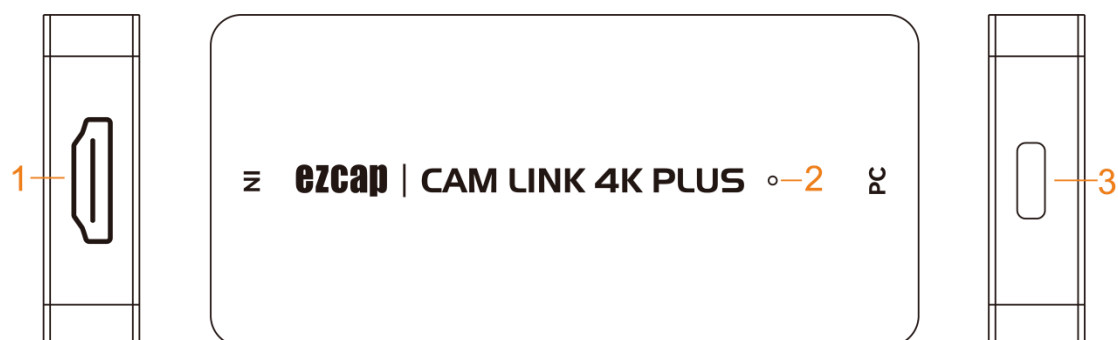
感谢您购买 ezcap369CAM LINK 4K PLUS 超清采集卡。请在使用前阅读本手册并将其保存在安全的地方以备将来参考。您可以使用该设备:采集和直播 HDMI 高清视频,最高达 2160p30fps、1080p120fps 和 1440p60。

概览

包装内容

ezcap369 CAM LINK 4K PLUS 超清采集卡 x1, USB-C to A/C 数据线, 说明书 x1

产品概览及连接



1. **IN**: HDMI 输入接口, 连接到相机、摄像机或其它 HDMI 输出的视频源设备。
2. **状态指示灯**: 红色 - 设备通电, 蓝色 - HDMI 输入, 绿色 - 设备运行。
3. **PC**: USB 3.0 Type-C 接口, 连接到电脑 USB3.0 接口。

硬件

将设备连接到电脑的 USB 端口,系统会自动识别采集卡,你会在设备管理器看到设备名称 **ezcap**

CAM LINK 4K PLUS,则表示设备已经可以工作了。

相机提示

这些提示将确保在使用带有 ezcap369 CAM LINK 4K PLUS 的相机时获得最佳体验和图像质量。这些是一般提示，可能并不直接适用于您正在使用的相机。

- 1、**禁用自动关机**：大多数相机会自动关闭以防止电池耗尽。对于视频通话，摄像头需要无限期地保持开启状态。自动电源关闭设置最常出现在相机的电源设置中。
- 2、**禁用 HDMI 信息显示**：相机输出图形用户界面元素，例如电池电量和分辨率设置。这可以通过进入相机的 HDMI 菜单并禁用 HDMI 信息显示，或多次按下相机上的信息按钮来禁用。
- 3、**使用交流适配器**：大多数相机不能同时操作和充电。必须使用交流适配器或假电池来诱使相机认为它无限期地运行或电池供电。
- 4、**设置为电影模式**：寻找电影模式选项，通常由相机模式拨盘上的胶片相机图标指示。

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/>

注：ezcap369 CAM LINK 4K PLUS 超清采集卡也可在 Mac 系统下使用，下载 OBS Mac 版本即可。操作与下面在 Windows 下使用说明类似。

开始使用

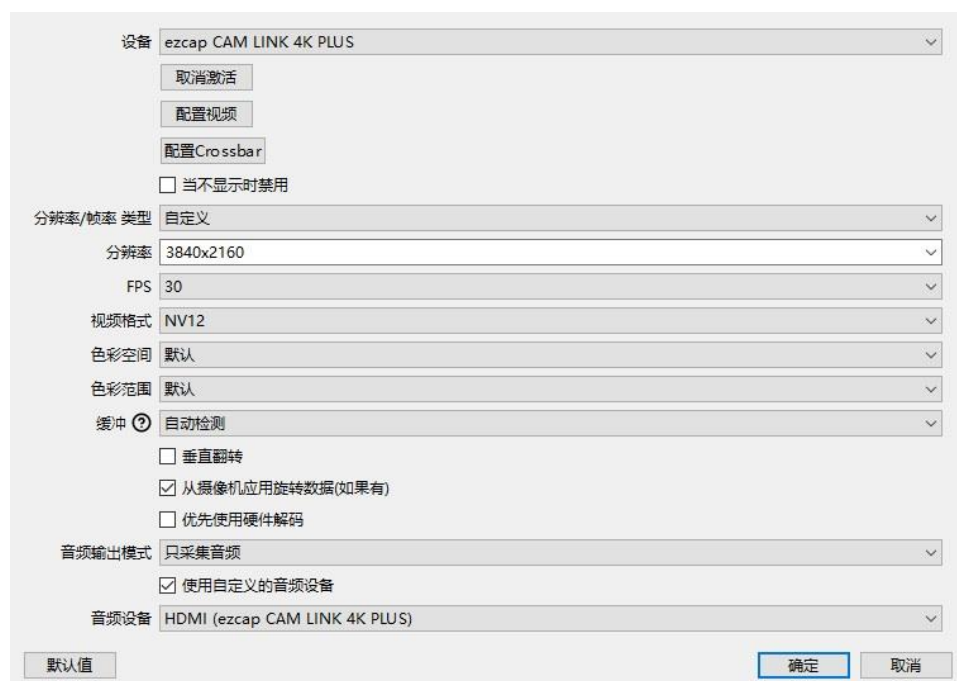
设备选择

下载并安装后，双击桌面上的 OBS Studio 图标以运行 OBS。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**，在这个窗口你也可以为设备改写新的名称。点击确定之后，在弹出的窗口中单击**设备**旁边的下拉框，然后选择 **ezcap CAM LINK 4K PLUS**。



视频设置

这些设置完成后，应该能在软件捕获窗口中看到视频。如果你需要设置视频分辨率，单击**分辨率/ FPS 类型**旁边的下拉框，然后选择**自定义**，然后单击**分辨率**旁边的下拉框，选择一种你需要的分辨率，这样就能在窗口中看到视频。



音频设置

完成以上设置后,你可能听不到声音。请在上述视频设置的界面下勾选**使用自定义的音频设备**,然后单击**音频设备**旁边的下拉框,选择 **HDMI (ezcap CAM LINK 4K PLUS)**, 你应该能立即听到声音。单击窗口右下角的**确定**按钮完成设置。



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。最后单击界面右下角的**关闭**按钮完成设置。

录制

单击 OBS 面板右下角的**设置**按钮,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**旁边的下拉框选择适当的分辨率,单击**常用 FPS 值(帧率)**右侧的下拉框以选择 FPS 值。单击**设置**窗口左侧的**输出**,在**录像**这一栏目下可以设置**录像路径**, **录像质量**, **录像格式**, **编码器**。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 OBS 面板右下角的**开始录制**按钮即可开始录制视频,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**这一栏目下，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**就可以开始直播，点击**停止推流**就可以停止本次推流。

注意：您可以单击软件界面顶部的**帮助**菜单，登录 OBS 网站详细了解更多的使用方法。

产品规格

接口：USB 3.2 (Gen 1) Type-C

视频输入：HDMI™ 1.4 符合 4K30 规格

音频输入：HDMI

最高输入分辨率：2160p30, 1440p60, 1080p120

最高录制分辨率：

3840 x 2160 - 30fps/MJPG/NV12/I420

2560 x 1440 - 60fps /NV12/I420/YUY2/MJPG

2560 x 1080 - 60fps/NV12/I420/YUY2/MJPG

1920 x 1080 -120fps/MJPG/NV12/I420, 60fps/YUY2/RGB24

1280 x 720 - 60fps/NV12/I420/YUY2/RGB24/MJPG

尺寸 (长 x 宽 x 高): 86x40x12mm

净重: 40 克

电脑系统需求

Windows 10 x64 / 11 x64, USB 3.2 (Gen 1) 接口 x1

台式机: Intel Core i5-6XXX 或更佳, NVIDIA GeForce GTX 1060 或更佳。

笔记本: Intel Core i7-7700HQ 或更佳, NVIDIA GeForce GTX1050 Ti 或更佳。

推荐 8 GB 内存。

macOS 11 / 12, USB 3.2 (Gen 1) 接口 x1

Apple M1 或 Intel i7 quad-core 或更佳, Radeon Pro 555 (2 GB VRAM), 16 GB 2400 MHz

DDR4 内存。



HDMI、HDMI High-Definition Multimedia Interface 等词汇、HDMI 商业外观及 HDMI 标识均为 HDMI Licensing Administrator, Inc. 的商标或注册商标。