



GameDock Extreme 2.1

manual



Model: ezcap364 Ver: M36420231220

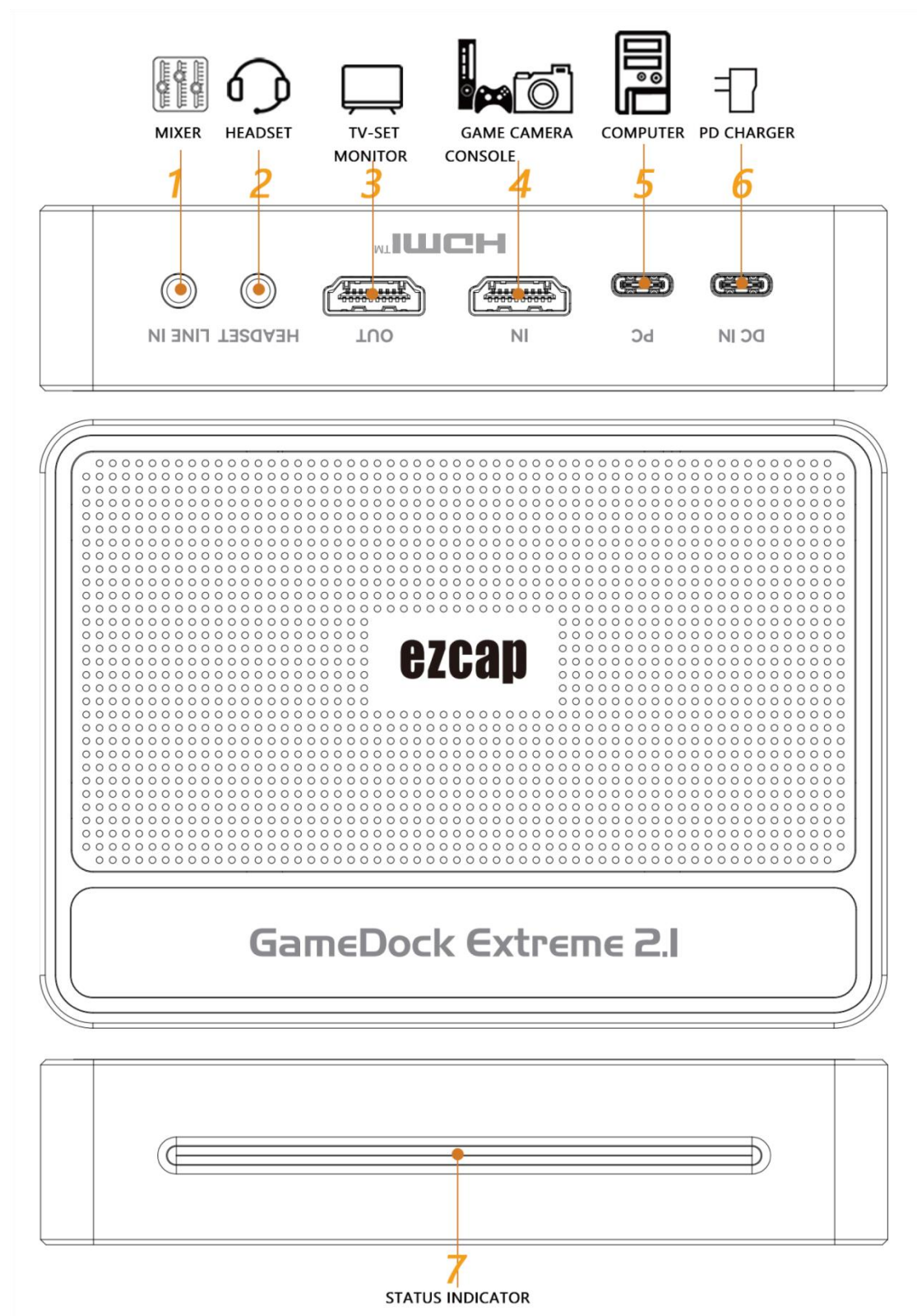
Thanks for purchasing ezcap364GameDock Extreme 2.1 game capture card. Please read this manual before use and keep it in a safe place for future reference. You can use this device: Input and Pass-Through 4320p60 and 2160p144, and capture and stream HDMI video up to 2160p60 or 1440p144 resolution on your computer, and mix microphone and audio line input for mixing audio.

Overview

In the Box

ezcap364GameDock Extreme 2.1x1, USB-C to A/C cable x1, Manual x1

Product Overview and Connections



1. LINE IN: Connect to Audio mixer, and mix the audio with video together.
2. Headset: 3.5mm audio for output to earphone and microphone input (CTIA).
3. OUT: HDMI output port, connect to TV or monitor.

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4. IN: HDMI input port, connect to game console or other video source. Supports HDR and VRR input. Supports LPCM 5.1 and 7.1 channel audio pass through.

Note: Please use the standard HDMI 2.1 cable to connect HDMI IN and OUT.

5. PC: To connect to computer USB port – USB 3.2 (Gen 1) Type-C.
6. DC IN: Charge PD3.0 protocol Device (the device – Android smartphone or Laptop - connected to the PC port) and power supply to device.
7. Status Indicator: WHITE flashing - Power on. RED flashing - Software detected device but no HDMI input. BLUE flashing- HDMI input. Colorful slow flashing - Device running.

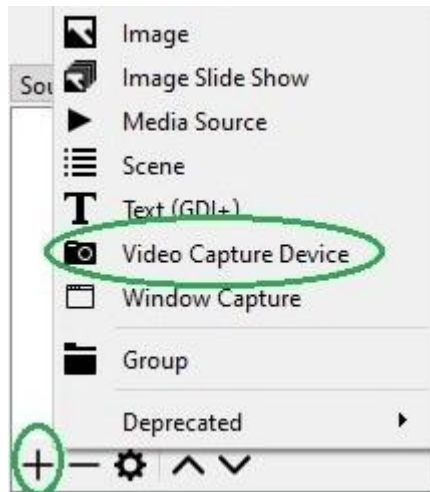
Software

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 **ezcapGameDock Extreme 2.1**.



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.

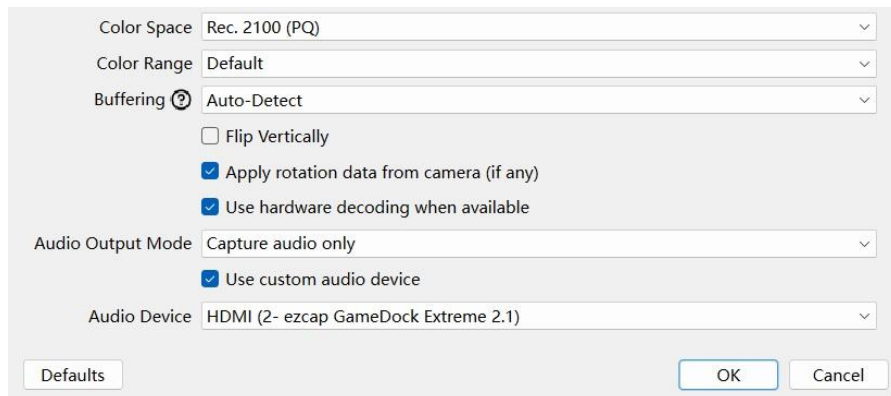
A screenshot of the Video Setting configuration window. It contains the following fields and controls:

- Device: ezcap GameDock Extreme 2.1 (dropdown menu)
- Deactivate (button)
- Configure Video (button)
- Configure Crossbar (button)
- ☐ Deactivate when not showing
- Resolution/FPS Type: Custom (dropdown menu)
- Resolution: 3840x2160 (dropdown menu)
- FPS: 60 (dropdown menu)
- Video Format: MJPEG (dropdown menu)

Audio Setting

Please select **AudioOutputModetoCaptureaudioonly**, and tick **Use custom audio device**, and click **Audio Device** and select **HDMI (ezcapGameDock Extreme 2.1)**. If you want to hear the sound directly, please select **AudioOutputModetodesktop**

audio (WaveOut).



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. 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 (adjust depends 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: USB 3.2 (Gen 1) Type-C

Video Input / Output (Pass-Through): HDMI™ 2.1 8K60 specification enabled

Supported Resolution: 4320p, 2160p, 1440p, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i

Audio Input: HDMI 2.1, 3.5mm Line In (TRS 3-pole), 3.5mm headset microphone input (CTIA 4-pole)

Audio Output: HDMI 2.1, 3.5mm headset earphone output (CTIA 4-pole)

Max. HDR Pass-Through Resolution: 2160p144, 1440p144/120, 1080p240

Max. VRR Pass-Through Resolution: 3840x 2160 – VRR(48-120 Hz), 1920 x 1080 – VRR(48-120 Hz). (Note: YCbCr420 VRR is not supported. Such as XBOX X1, please tick Allow YCC 4:2:2 settings to allow VRR)

Max Record Resolution: 3840 x 2160/60fps, 2560 x 1440/144fps, 2560 x 1080/60fps, 1920 x 1080/240fps, 1280 x 720/60fps

Video Format: YUY2, NV12, I420, RGB24, P010(HDR), MJPG

Dimensions (W x D x H): 128 x 92 x 28 mm

Weight: 228g

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.

ezcap

GameDock Extreme 2.1

超清游戏采集卡

说明书



型号: ezcap364

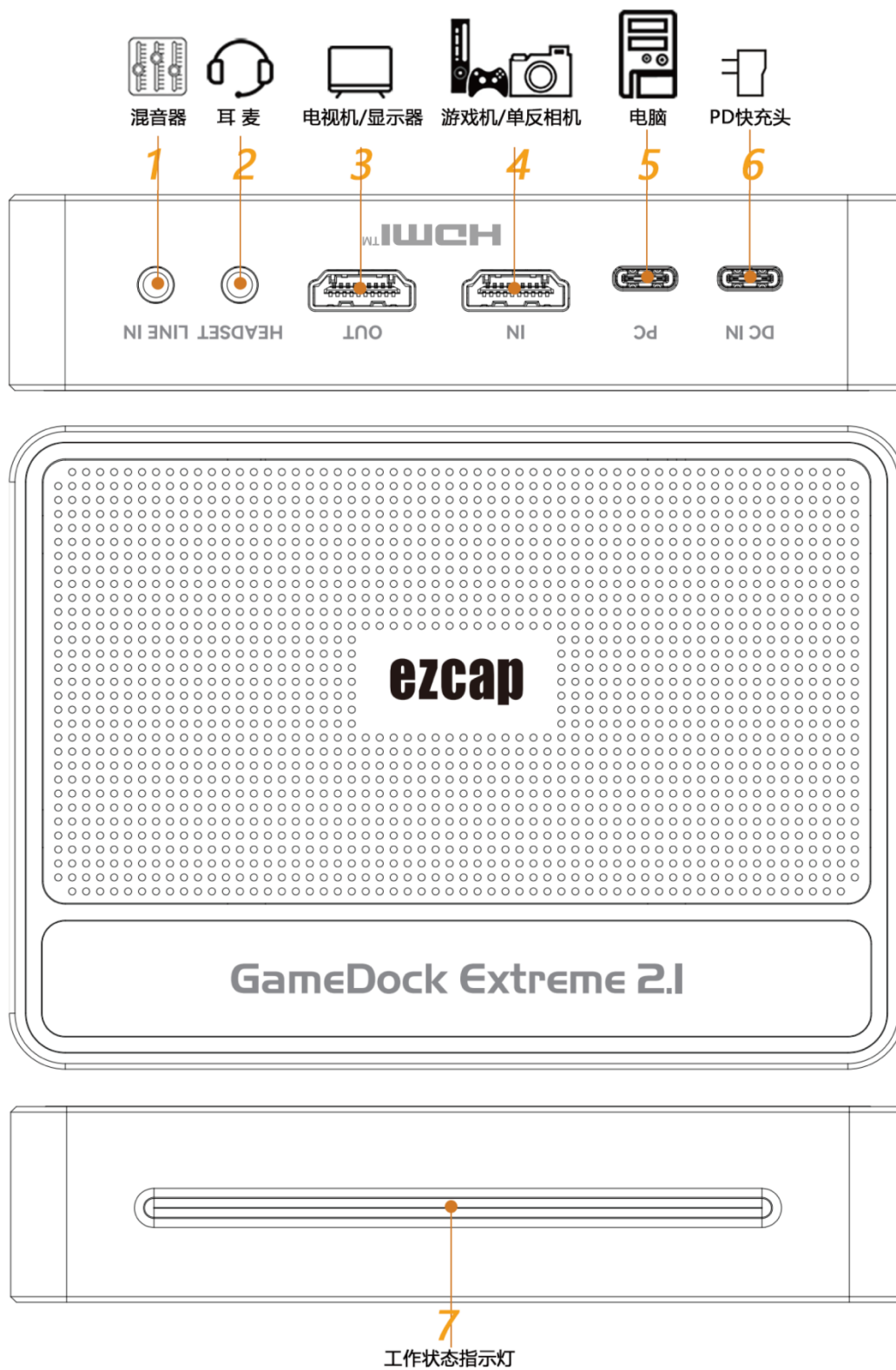
感谢您购买 ezcap364 GameDock Extreme 2.1 超清游戏采集卡。请在使用前阅读本手册并将其保存在安全的地方以备将来参考。您可以使用该设备: 输入/环出 HDMI 视频高达 4320p60 和 2160p144,, 采集和直播高达 2160p60 或 1440p144, 并可以耳麦输入和线路音频输入混音,。

概览

包装内容

ezcap364 GameDock Extreme 2.1 超清游戏采集卡 x1, USB-C 转 A/C 数据线, 说明书 x1

产品概览及连接



1. **LINE IN**: 连接混音器, 可将音频与视频进行混音
2. **HEADSET**: 耳麦接口, 同时麦克风输入和耳机输出(支持 CTIA 标准)
3. **OUT**: HDMI 输出接口, 连接到电视机或显示器

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4. **IN**: HDMI 输入接口, 连接到游戏机或别的视频源。支持 HDR 及 VRR 输入。支持 LPCM 5.1 及 7.1 声道音频环出。

注: 请使用标准 HDMI 2.1 线材连接 HDMI IN 和 OUT 接口。

5. **PC**: 连接电脑 USB 接口
6. **DC IN**: 支持 PD3.0 协议, 可为连接到 ezcap364 的 PC 端口的设备 (安卓手机或笔记本电脑) 充电和给设备供电。
7. **状态指示灯**: 白色闪烁 -设备通电。红色闪烁 - 软件识别设备但无 HDMI 接入。蓝色呼吸 -连接 HDMI 信号源。彩色慢闪 -设备正常运行。

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 **ezcapGameDock Extreme 2.1**。



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。



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 (ezcapGameDock Extreme 2.1)**, 如果你想直接听到声音, 请选择**音频输出模式**为**输出桌面音频 (WaveOut)模式**。



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。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: USB 3.2 (Gen 1) Type-C

视频输入/输出 (环出): 支持 HDMI™ 2.1 之 8K60 规格

支持分辨率: 4320p, 2160p, 1440p, 1080p, 1080i, 720p, 576p, 576i, 480p, 480i

音频输入: HDMI2.1, 3.5mm 线路输入 (3 极 TRS), 3.5mm 耳麦输入 (4 极 CTIA)

音频输出: HDMI2.1, 3.5mm 耳麦输出 (4 极 CTIA)

最高 HDR 环出分辨率: 2160p144, 1440p144/120, 1080p240

最高 VRR 环出分辨率: 3840x 2160 - VRR(48-120 Hz), 1920 x 1080 - VRR(48-120 Hz). (注:

不支持 YCbCr420 格式 VRR 输入。比如 XBOX X1, 请勾选**允许 YCC 4:2:2** 以获取 VRR 功能。)

最高录制分辨率: 3840 x 2160/60fps, 2560 x 1440/144fps, 2560 x 1080/60fps, 1920 x

1080/240fps, 1280 x 720/60fps

视频格式: YUY2, NV12, I420, RGB24, P010(HDR), MJPG

尺寸 (长 x 宽 x 高): 128 x 92 x 28 mm

重量: 228 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。