

# Z CAM EzPlay

Auxiliary Streaming Module



## PRODUCT PROFILE

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Z CAM EzPlay is an Auxiliary Streaming Module designed for use with the Z CAM series cameras. Equipped with a dedicated SDI output for playback functionality, it enables the Z CAM E2 series cameras to effortlessly handle simultaneous playback operations while maintaining uninterrupted live streaming.

## DISCLAIMER

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All product features and technical specifications stated are subject to the sole interpretation and explanation of Shenzhen ImagineVision Technology Limited, and subject to change without notice.

## LIMITED WARRANTY

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### Warranty Scope

Warranty Service covers defects in material and workmanship of Z CAM EzPlay Auxiliary Streaming Module and its accessories contained therein (hereinafter collectively referred to as “this Product”).

### Warranty Period

Warranty Period is 12 months from the date of original purchase. Warranty period will start 90 days from date of shipment according to internal record of Shenzhen ImagineVision Technology Limited (hereinafter referred to as "ImagineVision"), whichever is later, in case of failure to provide valid purchase invoice or other valid proof showing date of original purchase.

Serviced or replacement product will continue to be covered under the original warranty period of the product.

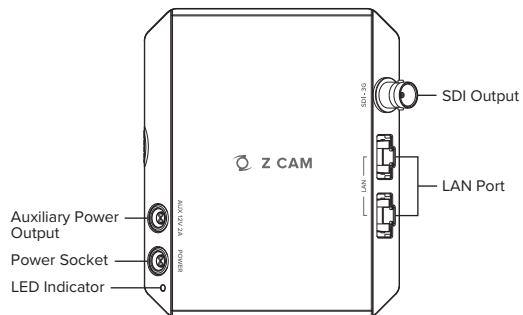
### Warranty Arrangement

In case the product is found defective either due to material or workmanship issues by ImagineVision or its designated/approved service partners within the warranty period, ImagineVision or its designated/approved service partners will carry out repair service or product replacement at no cost. Note that all costs and risks associated with the transportation and delivery of the defective product to Imagine-Vision or its designated/ approved service partners shall be borne by the customer.

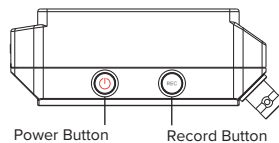
### Limited Warranty

- This warranty is non-transferable and non-assignable, and only applicable to the original purchase customer.
- This warranty does not cover any misused, abused, accidentally or intentionally damaged, altered/deleted serial number product.
- This warranty does not cover repaired or replacement products serviced by non ImagineVision authorized service center or personnel.

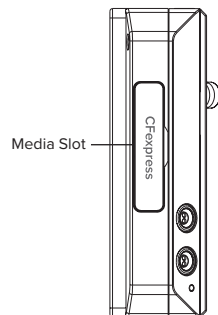
## COMPONENT NAMES



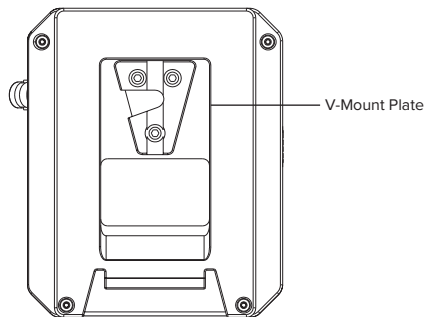
Front View



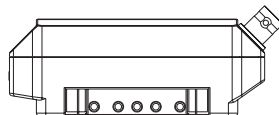
Top View



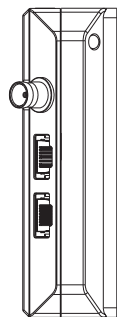
Left View



Rear View



Bottom View

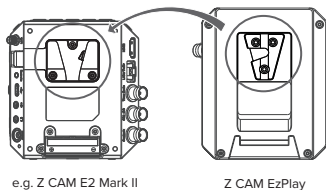


Right View

# SETTINGS & USAGE

## 1. Mounting

Attach Z CAM EzPlay to Z CAM E2 series cameras equipped with a V-mount plate (such as Z CAM E2 Mark II series) or other device with the V-mount plate. Ensure the mounting is secure.



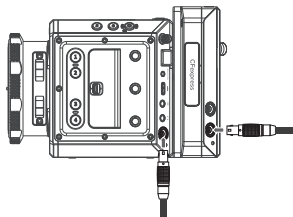
## 2. Connection

### 2.1 Power Supply

2.1.1 Power on the Z CAM E2 series camera to ensure normal operation.

2.1.2 Power supply options for Z CAM EzPlay:

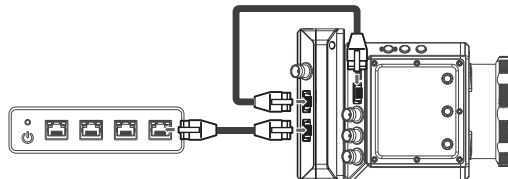
- Independently power Z CAM EzPlay via a 12V power supply (2-pin Lemo socket).
- Use the auxiliary power output port (AUX) of the Z CAM E2 series camera to supply power to Z CAM EzPlay.



### 2.2 Network Connection

2.2.1 Connect the Ethernet port of the Z CAM E2 series camera to the Ethernet port of Z CAM EzPlay with an Ethernet cable, to establish a data transmission channel between devices.

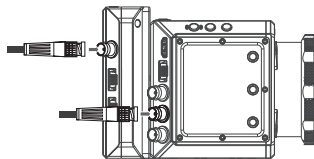
2.2.2 Connect the other Ethernet port of Z CAM EzPlay to a gigabit switch or router via an Ethernet cable to access the local area network.



### 2.3 Video Output

2.3.1 Connect the HDMI/SDI port of the Z CAM E2 series camera to live streaming devices such as a video switcher or encoder to establish an uninterrupted live streaming channel.

2.3.2 Connect the 3G-SDI port of Z CAM EzPlay to a video switcher or monitor to establish a transmission channel for the playback.



# SETTINGS & USAGE

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## 3. Access and Control

### 3.1 Access

3.1.1 Ensure that the operation terminal (PC/tablet) is on the same local area network as the Z CAM camera and Z CAM EzPlay.

3.1.2 Run the Z CAM Discovery Tool to scan and obtain the IP addresses of the Z CAM camera and Z CAM EzPlay (for operation details, refer to the "Z CAM Discovery Tool User Guide").

3.1.3 Open a browser, enter the IP address of Z CAM EzPlay, and enter the Web client page.

3.1.4 Enter the IP address of the Z CAM camera in the page configuration column, click "Save" to complete device pairing. You can then preview the camera's shooting footage in real time.



### 3.2 API Control Commands

Execute functional control of Z CAM EzPlay via the HTTP protocol. The core commands are as follows:

- Start recording: url="http://{EzPlay\_ip}/ctrl/rec?action=start"
- Stop recording: url="http://{EzPlay\_ip}/ctrl/rec?action=stop"
- Switch to playback mode: url="http://{EzPlay\_ip}/ctrl/mode?action=to\_pb"
- Playback: url="http://{EzPlay\_ip}/ctrl/pb?action=resume"
- Stop playback: url="http://{EzPlay\_ip}/ctrl/pb?action=stop"

For more advanced control commands, please refer to the official technical document:

<https://github.com/imaginevision/Z-Camera-Doc/blob/master/E2/protocol/http.md#focus--zoom-control>



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# Z CAM EzPlay

辅助串流模块



## 产品简介

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Z CAM EzPlay 是一款专为 Z CAM E2 系列摄影机量身定制的辅助串流模块, 其配备的专用 SDI 输出接口可实现回放功能, 让 Z CAM E2 系列摄影机在进行不间断直播的同时, 轻松支持回放操作。

## 免责声明

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## 保修说明

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### 保修范围

对 Z CAM EzPlay 辅助串流模块的材料和工艺缺陷提供保修服务。

### 保修期限

保修期限为原始购买日起计十二个月。若您无法提供购买发票等有效证据证明原始购买日的, 则保修期限起算日期以深圳视觉科技有限公司(以下简称“视觉科技”)按照其内部生产记录之出厂日期向后顺延六十日。

维修或更换的产品在原产品保修期限的剩余时长内享受同等保修服务。

### 保修方式

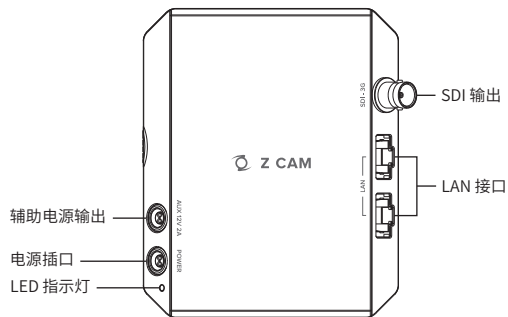
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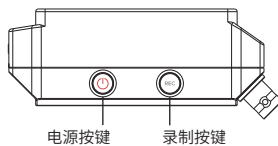
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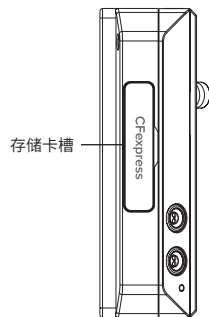
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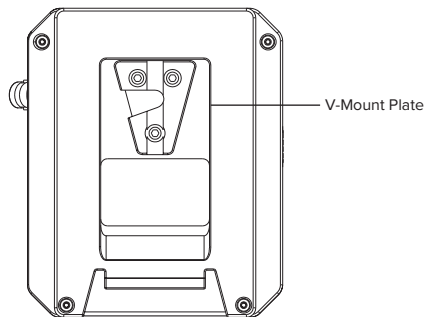
正面



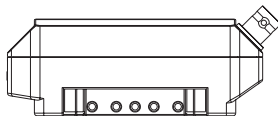
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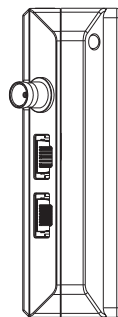
左面



背面



底部

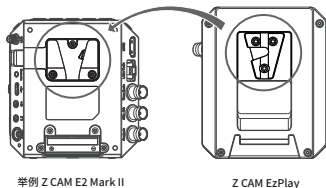


右面

# 设置与使用

## 1. 安装

将 Z CAM EzPlay 安装至配备 V 型安装板的 Z CAM E2 系列摄影机 (如 Z CAM E2 Mark II 系列), 或其他符合 V 型安装标准的设备安装板上, 确保安装稳固。



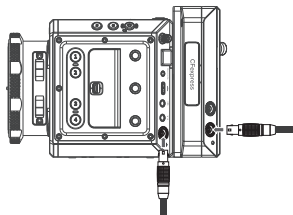
## 2. 连接

### 2.1 电源供应

2.1.1 为 Z CAM E2 系列摄影机接通电源, 确保正常运行。

2.1.2 Z CAM EzPlay 供电方式选项:

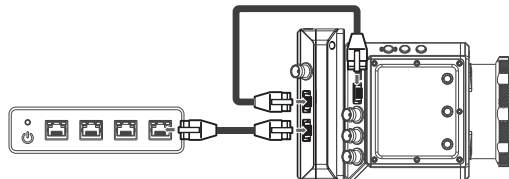
- 通过 12V 专用电源 (2 针 Lemo 接口) 为 Z CAM EzPlay 独立供电;
- 利用 Z CAM E2 系列摄影机的辅助电源输出端口, 为 Z CAM EzPlay 供电。



### 2.2 网络连接

2.2.1 使用网线连接 Z CAM E2 系列摄影机网口与 Z CAM EzPlay 的网口, 建立设备间数据传输通道。

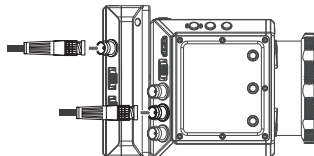
2.2.2 将 Z CAM EzPlay 的另一网口通过网线接入千兆交换机或路由器, 接入局域网。



### 2.3 视频输出

2.3.1 将 Z CAM E2 系列摄影机的 HDMI/SDI 接口连接至现场切换台、编码器、直播设备等, 建立不间断直播传输通道。

2.3.2 将 Z CAM EzPlay 的 3G-SDI 接口连接至切换台或监视器, 为回放功能建立传输通道。



## 设置与使用

### 3. 访问与控制

#### 3.1 网络访问

3.1.1 确保操作终端(电脑 / 平板)与 Z CAM 摄影机、Z CAM EzPlay 处于同一局域网内。

3.1.2 运行 Z CAM Discovery Tool 软件,扫描获取 Z CAM 摄影机与 Z CAM EzPlay 的 IP 地址(操作细节请参考《Z CAM Discovery Tool 用户指南》)。

3.1.3 打开浏览器输入 Z CAM EzPlay 的 IP 地址,进入 Web 客户端页面。

3.1.4 在页面配置栏中填入 Z CAM 摄影机的 IP 地址,点击“保存”完成设备配对,此时可实时预览摄影机拍摄画面。



#### 3.2 API 控制指令

通过 HTTP 协议对 Z CAM EzPlay 执行功能控制,核心命令如下:

- 启动录制: url="http://{EzPlay设备IP}/ctrl/rec?action=start"
- 停止录制: url="http://{EzPlay设备IP}/ctrl/rec?action=stop"
- 切换回放模式: url="http://{EzPlay设备IP}/ctrl/mode?action=to\_pb"
- 播放回放: url="http://{EzPlay设备IP}/ctrl/pb?action=resume"
- 停止回放: url="http://{EzPlay设备IP}/ctrl/pb?action=stop"

更多进阶控制命令,请查阅官方技术文档:

<https://github.com/imagenvision/Z-Camera-Doc/blob/master/E2/protocol/http.md#focus--zoom-control>



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