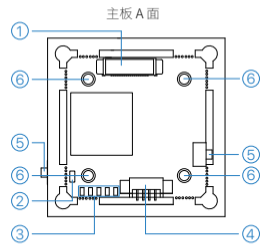


# MIX

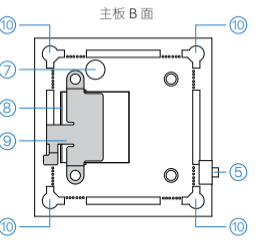
## 用户手册



### 1. 基本结构

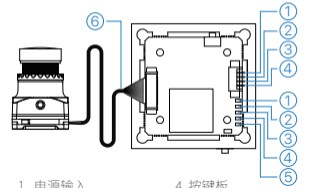


1. 镜头模组连接器
2. 状态指示灯
3. 接线焊盘
4. SH1.25mm 4Pin 母座
5. 电源/快门键
6. M2 安装孔(孔径:2mm, 孔距 20×20mm)



7. 麦克风
8. microSD 卡槽
9. microSD 卡保护片
10. M3 安装孔(孔径:3mm, 孔距 30.5×30.5mm)

### 2. 连接方法



1. 电源输入
2. 接地
3. 视频输出
4. 按键板
5. 电压检测
6. 镜头模组连接线

分别通过以下2种方法连接到飞机:

1. 插座连接: 将随机附带的视频电源线4P端子插入主板母座, 另一端连接飞控、分电板或图传。
2. 焊盘连接: 主板焊盘焊接硅胶线, 与飞控、分电板或图传连接。

注意: •根据实际情况选择其中一种连接方法。

- 电压检测需要将主板VSEN焊盘和电池正极连接。

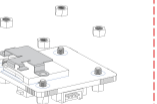
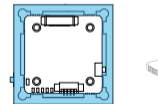
### 3. 安装方法

使用 M3 安装孔安装:

1. 将 microSD 卡保护片安装到主板上。
2. 将主板安装到机架上。

使用 M2 安装孔安装:

1. 将图示主板蓝色部分沿邮票孔剪下。
2. 将主板和 microSD 卡保护片一起安装到机架上。



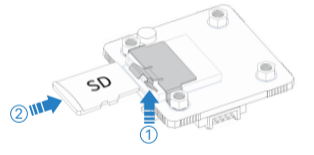
### 4. 插入/取出 microSD 存储卡

向上推起 microSD 卡保护片边缘①, 插入存储卡②(单独出售, 标签朝上)。

向上推起 microSD 卡保护片边缘①, 抵住存储卡边缘②, 轻轻将卡片推入更深处, 卡片会随即弹出。

使用符合以下要求的品牌存储卡:

- microSD, microSDHC 或 microSDXC
- CLASS 10 或更高速率的存储卡



### 5. 基本操作

开机: 长按电源/快门键3秒开机, 红色状态灯长亮。默认接通电源自动开机并录像。

关机: 长按电源/快门键 3 秒关机, 红色状态灯关闭。注意: 直接断电关机可能会损坏设备; 录像过程中直接断电可能会损坏视频文件。请使用按键停止录像, 不推荐使用断电保护功能。

拍摄视频: 录像待机状态下, 短按电源/快门键, 开始录像, 红色状态灯由长亮改为闪烁。

再次短按电源/快门键, 停止录像, 红色状态灯由闪烁改为长亮。

OSD调参: 相机视频输出到FPV眼镜或者显示屏上, 连接按键板, 待机状态下, 重复按右键, 直至进入设置模式。按上键或下键, 移动光标选择参数项; 按确认键进入参数项或选定参数; 按左键退出参数项。

相机回放: 连相机视频输出到FPV眼镜或者显示屏上, 连接按键板, 待机状态下, 重复按右键, 直至进入视频回放模式。按上键或下键, 移动光标选择视频文件; 按确认键播放视频; 按左键退出视频播放。

注意: 只在飞机静止, 且遥控上锁状态下调参, 回放视频, 否则可能会导致坠机或受伤。

升级固件: 复制固件文件至相机存储卡根目录, 开机后自动升级, 升级过程中红蓝双色状态灯快速闪烁。约50秒后, 状态灯关闭, 相机关机, 升级完成。

### 6. 基本参数

视频分辨率 1080P60fps/ 1080P30fps/ 720P60fps

斜对角视场 录像 & FPV 16:9 160° / FPV 4:3 125°

视频格式 MOV

传感器 2 MP

TV输出 NTSC(720×480)/PAL(720×576) 可切换

存储 microSD 存储卡, 最大支持 64GB

电源输入 DC 5V-24V

工作电流 < 700mA @5V < 300mA @12V

镜头模组: 19×19×27 mm

尺寸 主板: 37×37 mm/ 29×29 mm

安装孔尺寸 M2安装孔: 孔径2mm, 孔距20×20mm  
M3安装孔: 孔径3mm, 孔距30.5×30.5mm

### 7. 包装详情

主机组件 主板×1, 镜头模组×1

连接组件 镜头模组连接线×1, 视频电源线×1

按键组件 按键板×1, 按键板连接线×1

安装组件 microSD卡保护片×1, 转接支架×1, 金属支架×1

螺丝组件 内六角螺丝 (M2×4) ×8,  
双通六角尼龙柱 (M3×6) ×8,  
单头六角尼龙柱 (M3×6+6) ×8,  
双通六角尼龙柱 (M2×6) ×8,  
单头六角尼龙柱 (M2×6+6) ×8

其它 说明书×1, 保修卡×1

### 8. 客服支持

FOXEEER 致力于为用户提供最优质的服务。如需联系 FOXEEER 客服支持, 请访问 [www.foxeer.com](http://www.foxeer.com)。

### 9. 商标

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FOXEEER Facebook

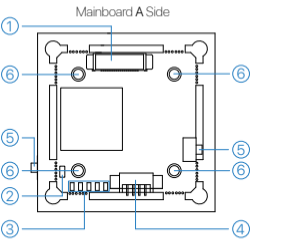


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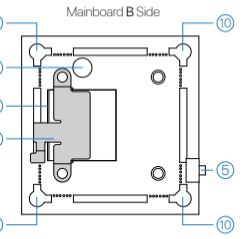
## USER MANUAL



### 1. Basic

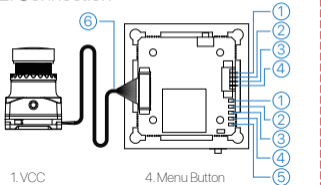


- 1. Lens Module Connector
- 2. Status Light
- 3. Soldering Pads
- 4. SH1.25mm 4Pin Connector
- 5. Power/ Shutter Button
- 6. M2 Mounting Holes (Diameter: 2mm, Distance: 20×20mm)



- 7. Microphone
- 8. microSD Card Slot
- 9. microSD Card Protection Cover
- 10. M3 Mounting Holes (Diameter: 3mm, Distance: 30.5×30.5mm)

### 2. Connection



- 1. VCC
- 2. GND
- 3. Video Out
- 4. Menu Button
- 5. VSEN
- 6. Lens Module Connector

#### Two Methods for Camera and Drone Connection:

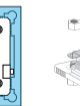
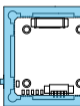
- Pin connection:** Insert the supplied video power cable 4P terminal into the mainboard, and connect the other end of the cable to the FC, PDB or vtx.
  - Soldering pad connection:** Solder the FC, PDB or vtx to the mainboard soldering pad.
- Note:**
- Both work. You can choose either way.
  - Voltage detection needs connection of battery+ and mainboard VSEN soldering pad.

#### Mounted by using M3 Mounting Holes:

- Step 1: Mounting the microSD Card Protection Cover to the Mainboard.
- Step 2: Mounting the Mainboard to the Drone.

#### Mounted by using M2 Mounting Holes:

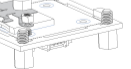
- Step 1: Cut the blue part of the Mainboard along the stamp holes.
- Step 2: Mounting the microSD Card Protection Cover and the Mainboard to the Drone.



### 3. Mounting

#### Mounted by using M3 Mounting Holes:

- Step 1: Mounting the microSD Card Protection Cover to the Mainboard.
- Step 2: Mounting the Mainboard to the Drone.



#### Mounted by using M2 Mounting Holes:

- Step 1: Cut the blue part of the Mainboard along the stamp holes.
- Step 2: Mounting the microSD Card Protection Cover and the Mainboard to the Drone.



### 4. Inserting/ Removing microSD Card

#### Inserting:

- Upward push the microSD Card Protection Cover ①,
- insert the card ② with the label facing up.

To remove the card, upward push the microSD Card Protection Cover ①, press the card into the slot ② with your fingernail and it will pop out.

#### Use brand name memory cards that meet these requirements:

- microSD, microSDHC or microSDXC
- CLASS 10 or higher rating



### 5. Basic Operations

#### Start up:

Long press Power/Shutter button for 3 seconds to turn it on, and the red status light will be on. By default, it records automatically when power on. The auto recording function can be turned off by setting.

#### Shut down:

Long press Power/Shutter button for 3 seconds, then the red status light will be off.

#### Note:

Power outage can damage the device, power outage during recording may damage the video file. Please use the BUTTON to turn off. Power-Off Protection is NOT recommended to use.

#### Recording Video:

In the recording standby mode, short press the Power/Shutter button to start recording, and the red status light changes from constant to blinking.

#### Stop recording:

Short press the Power/Shutter button again to stop recording, and the red status light changes from blinking to constant.

#### OSD Setting:

While camera video output to a FPV goggle or monitor, connect the menu board. In standby mode, press the right button repeatedly to move to Setting Mode. Press the Up or Down button to select the parameter; press the Enter key to enter or select the parameter; press the left key to exit the parameter.

#### Video playback:

While camera video output to a FPV goggle or monitor, connect the menu board. In standby mode, press the right button repeatedly to move to Video Playback Mode. Press the Up or Down button to select the video file; press the Enter key to play the video; press the left key to exit.

### 6. Specification

Video Resolution	1080P60fps/ 1080P30fps/ 720P60fps
FOV-D	Recording & FPV 16:9 160° / FPV 4:3 125°
Video Format	MOV
Sensor	2 MP
TV Output	NTSC(720×480)/ PAL(720×576) Switchable
SD Card	Micro SD Card, Support Up To 64GB
Input Voltage	DC 5V-24V
Working Current	<700mAh@5V, <300mAh@12V
Size	Lens Model: 19×19×27 mm Mainboard: 37×37mm/ 29×29mm

### 7. Package Includes

Camera Component	1×Mainboard, 1×Lens module
Connection Component	1×Lens module Connecting Cable, 1×Video/Power Cable
Menu board Component	1×Menu Board, 1×Menu Board Cable
Installation Component	1×MicroSD Protection Cover, 1×Converting Mount, 1×Metal Mount
Screw Component	8×M2×4 Screws 8×Double-pass Hexagonal Nylon Column(M3×6), 8×Single Head Hexagonal Nylon Column(M3×6+6), 8×Double-pass Hexagonal Nylon Column(M2×6), 8×Single Head Hexagonal Nylon Column(M2×6+6)
Other	1×Manual, 1×Warranty Card

### 8. Customer Support

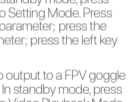
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