

无线模拟器



产品参数

型号：无线模拟器 Simulator

输入电压：USB 5V / Type-C 5V

输出电压：3.3V / 5V（可切换）

输出电流：500mA

输入协议：CRSF / SBUS / PPM

输出设备：HID设备

TTL输出：UART 串口

输入接口：SH1.0-4Pin / SH1.0-3Pin

输出接口：USB-A / Type-C

固件：YM-Joystick V1.0

尺寸：55.6 x 25 x 7.2mm (USB-A)

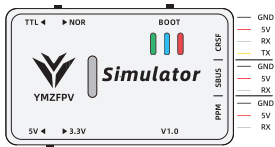
50.4 x 25 x 7.2mm (Type-C)

重量：9.3g (USB-A)

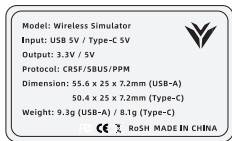
8.1g (Type-C)

产品说明

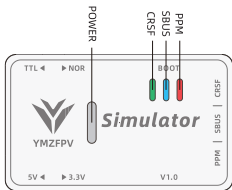
正面



背面



指示灯说明



指示灯	上电	信号输入
POWER	闪烁	常亮
CRSF (绿灯)	常亮	可切换
SBUS (蓝灯)	常亮	
PPM (红灯)	常亮	

信号模式切换

- 1.在开机状态下长按Boot按键0.5秒可以循环切换CRSF、SBUS、PPM三种信号模式。

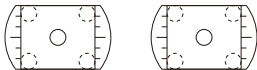


摇杆校准

- 1.在开机状态下连续按压两次Boot按键，可进入摇杆校准模式，CRSF、SBUS、PPM三个指示灯常亮。



- 2.把遥控器摇杆四个通道从最小到最大值移动，最后将摇杆置于中点，短按Boot按键退出校准模式，自动保存记录摇杆的最小、最大、中点值。



固件升级

- 1.在关机状态下长按Boot按键开机，POWER指示灯常亮，CRSF、SBUS、PPM三种指示灯熄灭。

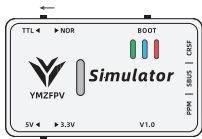


固件升级

- 2.打开DfuseDemo软件会示STM Device in DFU Mode设备，点击Choose按键选择要升级的固件文件，点击Upgrade按键进行固件升级。升级完成，断电重启。

TTL工具

1.在开机状态下波动开关到TTL挡位，ELRS地面站会显示一个UART串口，连接ELRS接收机可进行固件升级。



联系

官网：www.ymzfpv.com

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Wireless Simulator



Parameters

Model: Wireless Simulator

Input voltage: USB 5V / Type-C 5V

Output voltage: 3.3V / 5V (Switchable)

Output current: 500mA

Input protocol: CRSF / SBUS / PPM

Output device: HID equipment

TTL output: UART serial port

Input connector: SH1.0-4Pin / SH1.0-3Pin

Output connector: USB-A / Type-C

Firmware: YM-Joystick V1.0

Dimensions: 55.6 x 25 x 7.2mm (USB-A)

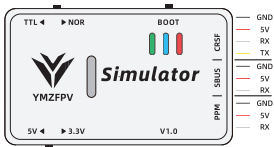
50.4 x 25 x 7.2mm (Type-C)

Weight: 9.3g (USB-A)

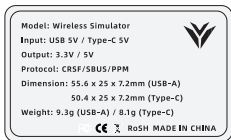
8.1g (Type-C)

Introduction

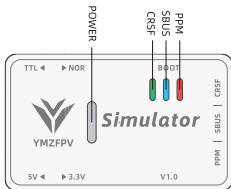
Front



Back



Indicator



Indicator	Power on	Signal input
POWER	Flashing	On
CRSF (Green light)	On	Switchable
SBUS (Blue light)	On	
PPM (Red light)	On	

Signal mode

1. Hold down the Boot button for 0.5 seconds to switch between CRSF, SBUS, and PPM signal modes.



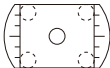
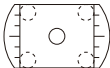
Calibration

1. Press the Boot button twice to enter the gimbal in calibration mode, CRSF, SBUS and PPM indicators are steady on.



Calibration

2. Move the four channels of the remote control gimbal from the minimum to the maximum, and finally place the gimbal at the midpoint, press the Boot button to exit the calibration mode, and automatically save and record the minimum, maximum and midpoint values of the gimbal.



Firmware upgrade

1. In the shutdown state, long press the Boot button to start up, the POWER indicator is steady on, and the CRSF, SBUS, and PPM indicators are off.



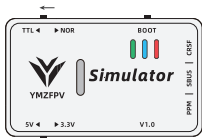
Firmware upgrade

2. When the DfuseDemo software is opened, the STM Device in DFU Mode is displayed. Click the Choose button to select the

firmware file to be upgraded, and click the Upgrade button to flash the firmware. After the flashing is complete, power off and restart.

TTL tool

1. When the wave switch is switched to TTL, the ELRS configurator will display a UART serial port, and the firmware can be upgraded by connecting the ELRS receiver.



Contact

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