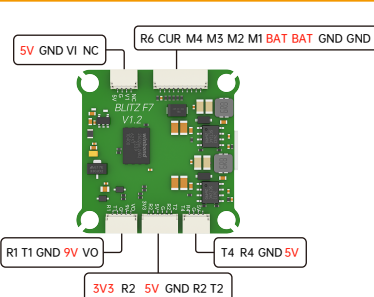
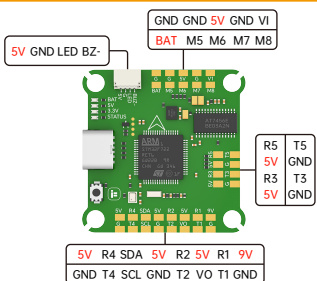
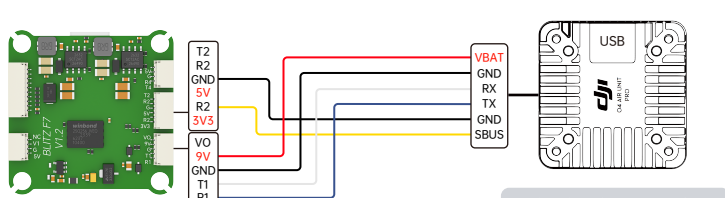
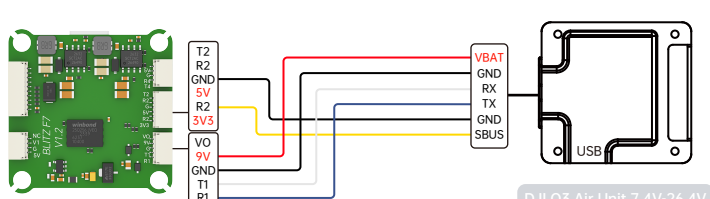
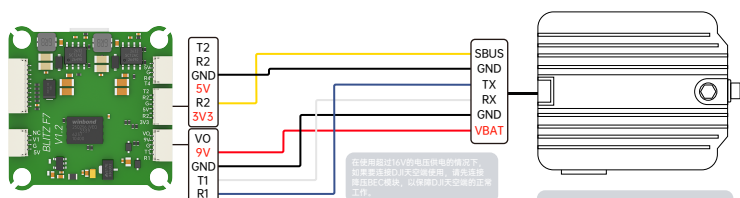
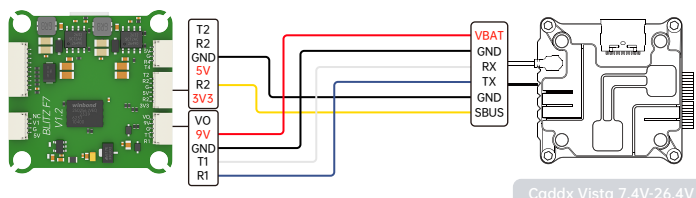


iFlight BLITZ F7 接线图



使用DJI遥控器



| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|--------------------|
| USB VCP | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART1 | 115200 | Disabled | Disabled | Disabled | VTX (MSP + F) AUTO |
| UART2 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART3 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART4 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART5 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART6 | 115200 | Disabled | Disabled | Disabled | Disabled |

Receiver

Serial (via UART) Receiver Mode

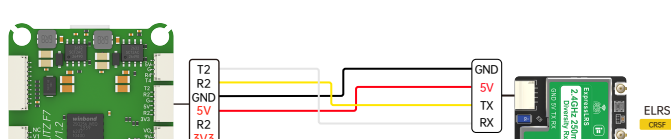
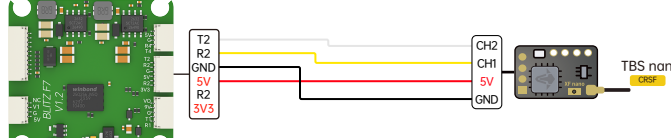
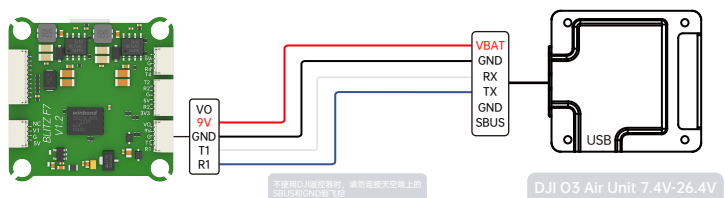
The UART for the receiver must be set to 'Serial Rx' (in the Ports tab)

Select the correct data format from the drop-down, below:

SBUS Serial Receiver Provider

- 在Betaflight4.4版本下开启天空端OSD须在端口界面天空端信号线连接的端口号外设置位置选择VTX(MSP+Displayport)
- 注意：O3天空端使用的是大疆二代FPV遥控器Air Unit 和 Vista使用的是大疆一代遥控器
- 使用DJI遥控器时，存在两种不同的协议，详细解释与使用如下
当使用sbus baud fast模式时，眼睛内的协议页面需要设置为Sbus BaudFast，而飞控则进入Betaflight的CLI界面，输入“set sbus baud fast=ON”输入“save”保存，则为使用sbus_baud_fast的模式。
使用普通SBUS模式时，眼睛内的协议页面需要设置为普通，而飞控则进入Betaflight的CI界面，输入“set sbus baud fast=OFF”输入“save”保存，则为不使用sbus_baud_fast的模式。

使用其他遥控器



| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|--------------------|
| USB VCP | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART1 | 115200 | Disabled | Disabled | Disabled | VTX (MSP + F) AUTO |
| UART2 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART3 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART4 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART5 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART6 | 115200 | Disabled | Disabled | Disabled | Disabled |

Receiver

Serial (via UART) Receiver Mode

The UART for the receiver must be set to 'Serial Rx' (in the Ports tab)

Select the correct data format from the drop-down, below:

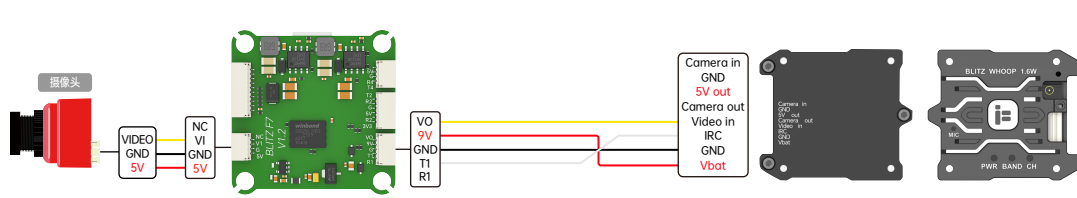
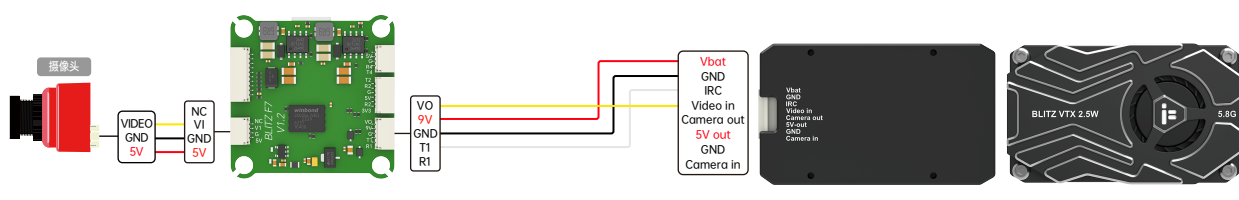
CRSF Serial Receiver Provider

Telemetry

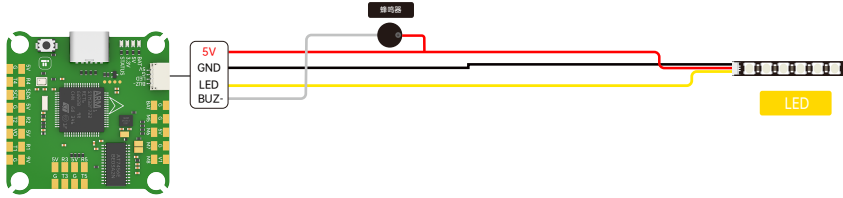
TELEMETRY Telemetry output

图传/摄像头

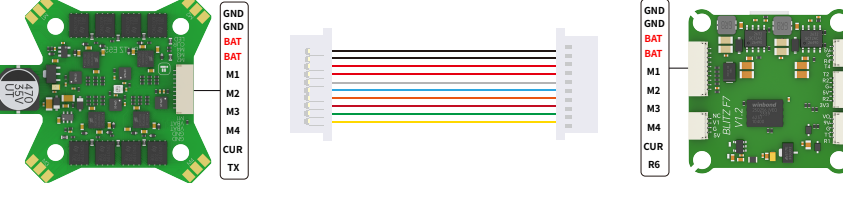
| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|---------------------|
| USB VCP | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART1 | 115200 | Disabled | Disabled | Disabled | VTX (IRC Tran) AUTO |
| UART2 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART3 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART4 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART5 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART6 | 115200 | Disabled | Disabled | Disabled | Disabled |



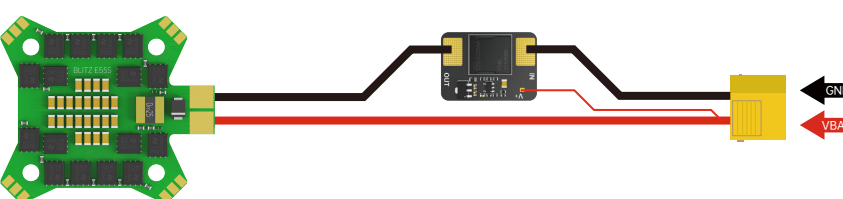
LED/蜂鸣器



电调



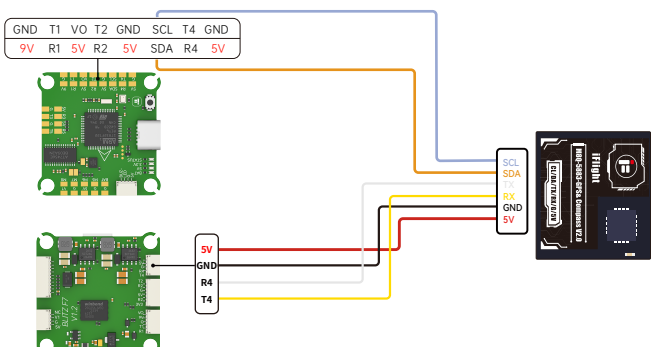
防打火模块



GPS

| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|-------------|
| USB VCP | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART1 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART2 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART3 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART4 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART5 | 115200 | Disabled | Disabled | Disabled | Disabled |
| UART6 | 115200 | Disabled | Disabled | Disabled | Disabled |

注:不能将SDA SCL定义映射到UART上



GPS

GPS for navigation and telemetry

Note: Remember to configure a Serial Port (via Ports tab) when using GPS feature.

UBLOX Protocol

Auto Baud

Auto Config

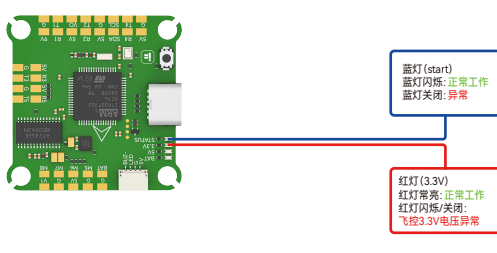
Use Galileo

Set Home Point Once

Auto-detect

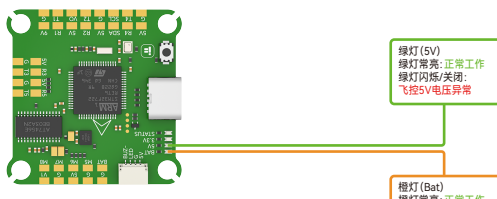
Ground Assistance Type

飞控LED灯



蓝灯 (star)
蓝灯常亮: 正常工作
蓝灯关闭: 异常

红灯 (3.3V)
红灯常亮: 正常工作
红灯闪烁/关闭: 飞控3.3V电压异常



绿灯 (5V)
绿灯常亮: 正常工作
绿灯闪烁/关闭: 飞控5V电压异常

橙灯 (Bat)
橙灯常亮: 正常工作
橙灯闪烁/关闭: 飞控Bat供电异常

注:使用电池通电后,可根据飞控LED对应的状态,以显示当前飞控的工作状态