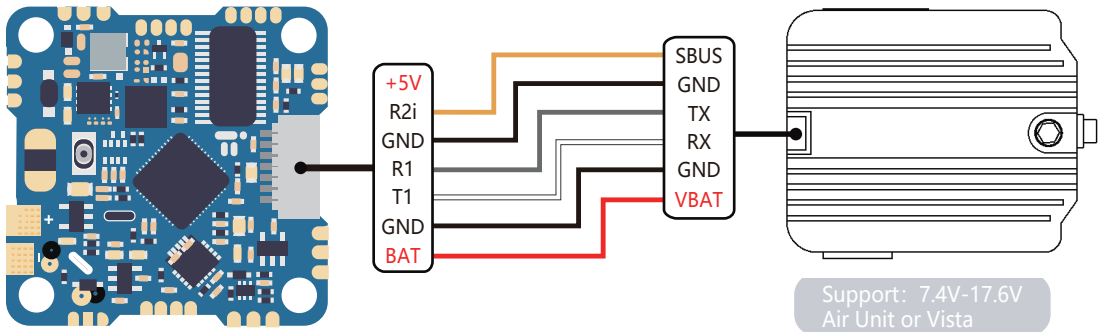


Whoop AIO F411 V1.1 接线图

使用DJI遥控

Firmware Target: IFLIGHT_F411_PRO (IFRC)

使用DJI FPV图传时，即插即用，无需焊接



Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>

● 小提示：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，眼镜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。

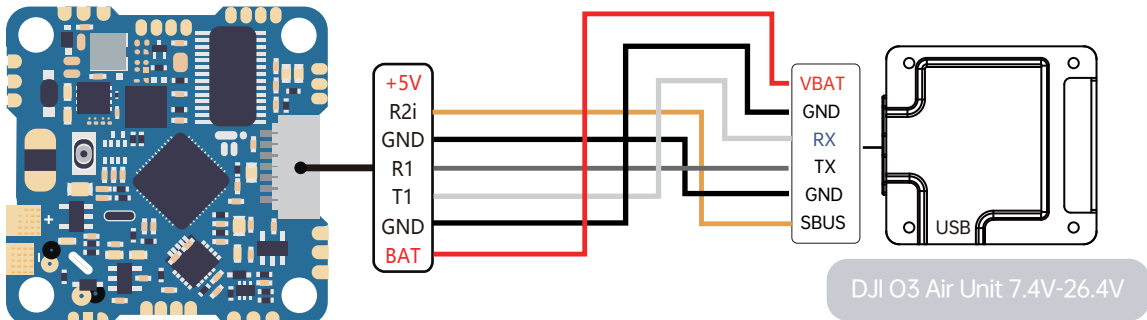
当使用普通 SBUS 模式时，眼镜内的协议页面需要设置为普通，而飞控则进入 Betaflight 的 Cli 界面，输入 "set sbus_baud_fast=OFF" 输入 "save" 保存，则为不使用 sbus_baud_fast 的模式。

Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

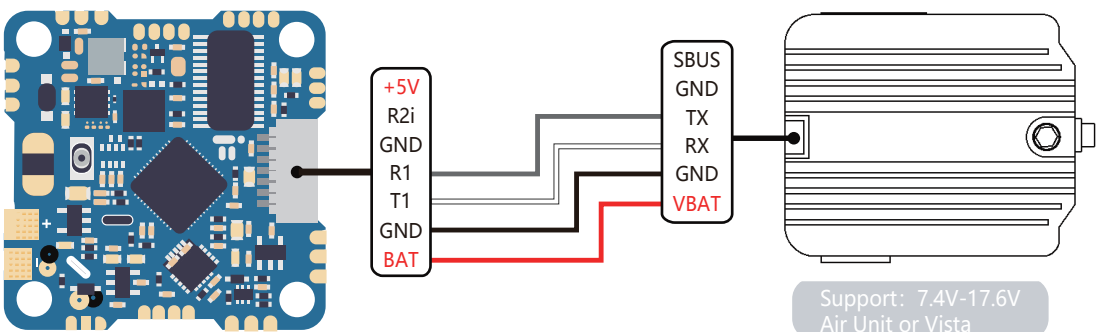
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS Serial Receiver Provider



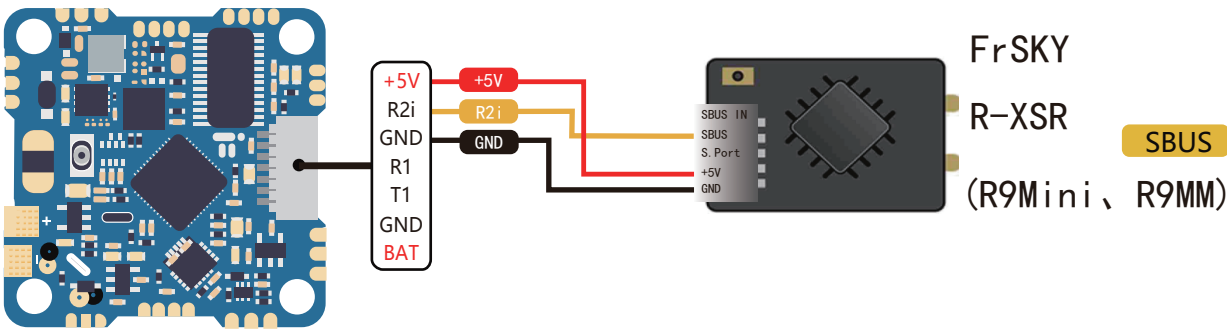
● 当使用DJI O3 Air Unit时，进入Betaflight的Cli界面，指定OSD设备使用MSP：输入"set osd_displayport_device = MSP" 指定MSP数据使用的串口序号：比如图中接的是串口1号，输入 "set displayport_msp_serial = 0"（序号应是所接端口减1）输入"save"保存。

使用其他遥控



在不使用大疆遥控器的情况下不需要接 R2i 和 GND 但是需要接额外的接收机到下方指定位置

Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>



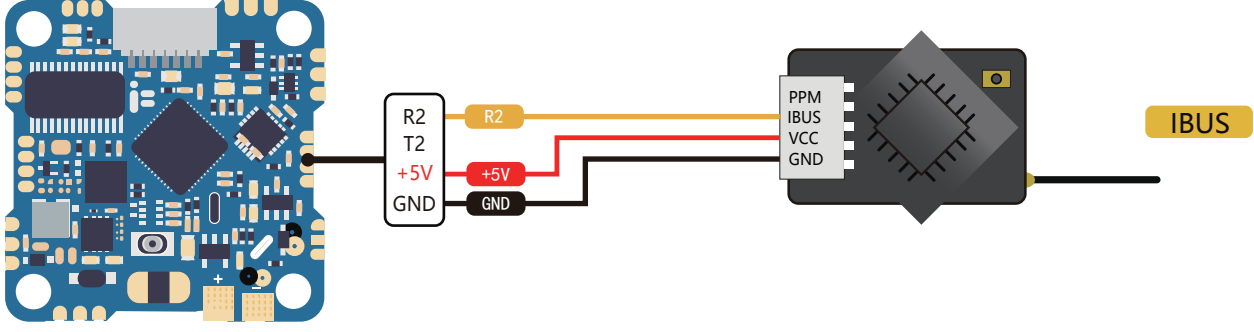
Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS Serial Receiver Provider

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	VTX (IRC Tran) AUTO
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO

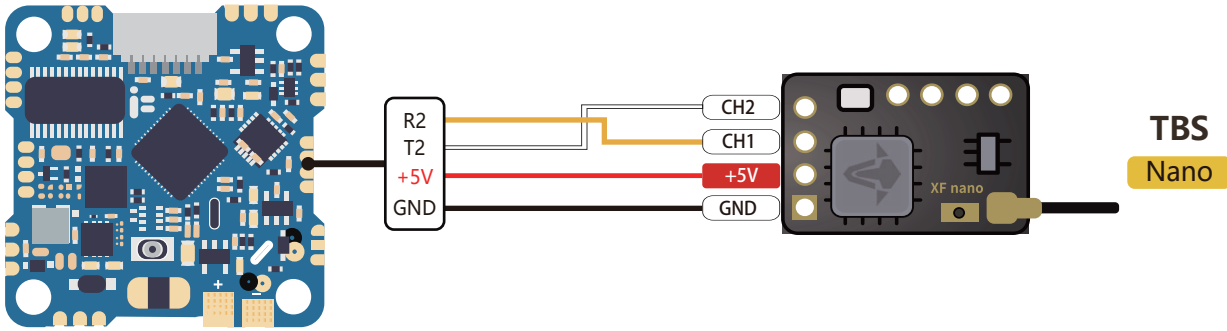


Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

IBUS Serial Receiver Provider

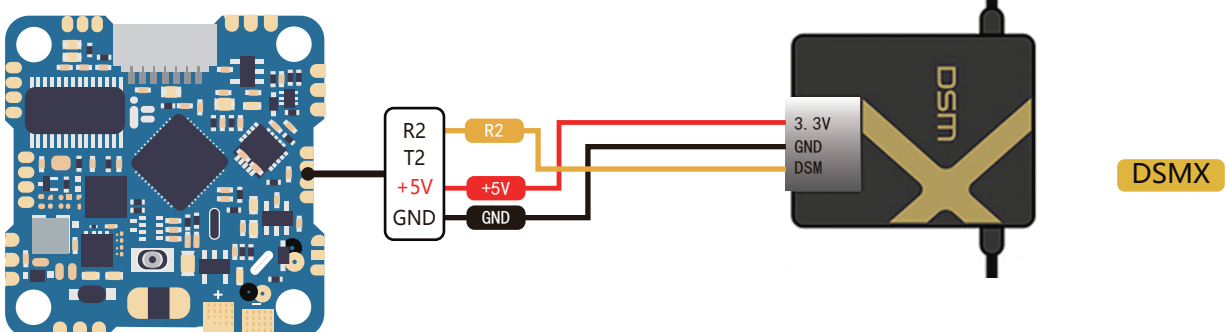


Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

CRSF Serial Receiver Provider



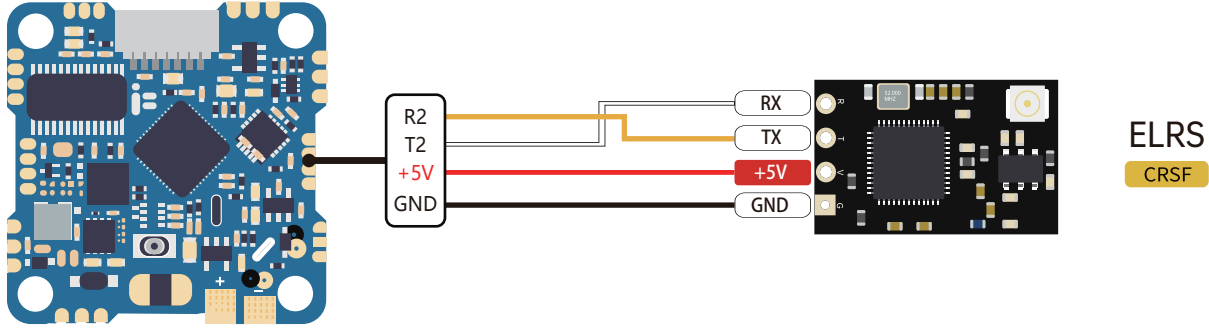
Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SPEKTRUM2048 Serial Receiver Provider

ELRS连接方式一



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:

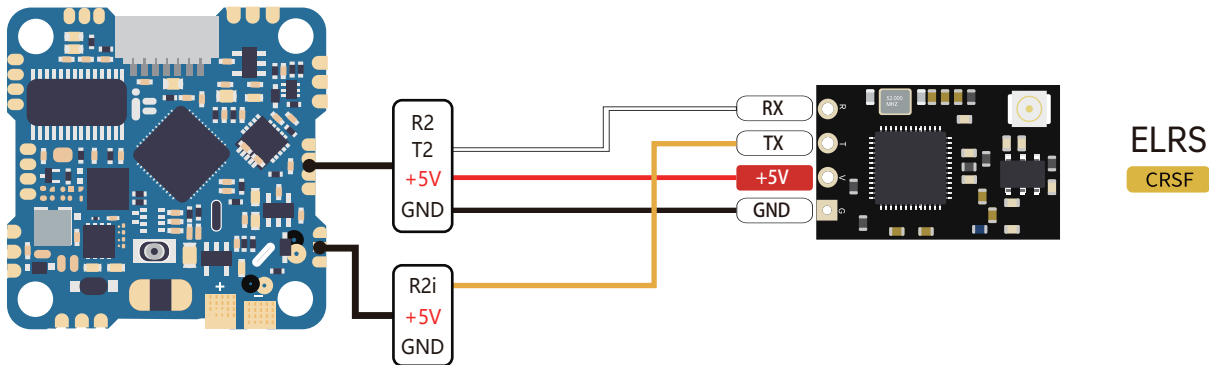
CRSF Serial Receiver Provider

TELEMETRY Telemetry output

Identificador	Configuració/MSP	Rx sèrie	Sortida de Telemetria	Entrada de Sensor	Perifèrics
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Deshabilitat AUTO	Deshabilitat AUTO	Deshabilitat AUTO

ELRS连接方式二

● 小提示：由于元件差异或电路设计的原因，如果你使用的是Flight品牌的ELRS接收机，可按照方式一连接。如果你使用的是其他品牌的ELRS接收机，有可能会上电后，接收机灯常亮的情况，则需要按照方式二连接，且需要刷写接收机固件，勾选RCVR_INVERT_TX，并将接收机的TX接到飞控的R2i上。



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:

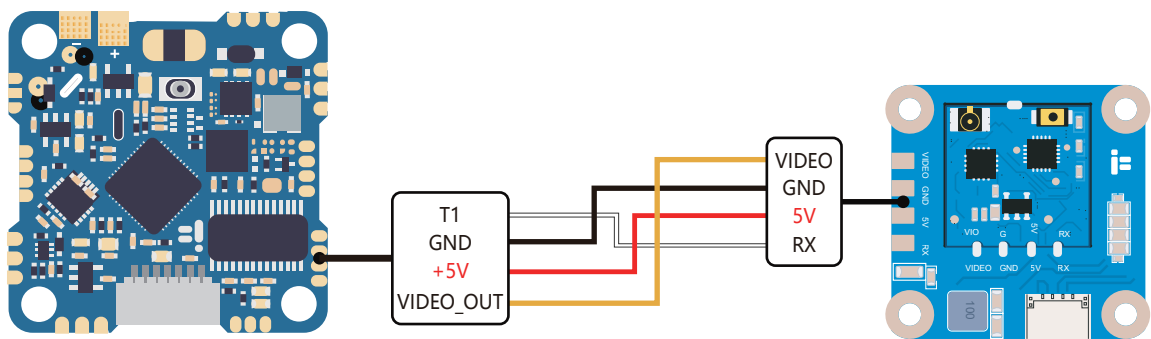
CRSF Serial Receiver Provider

TELEMETRY Telemetry output

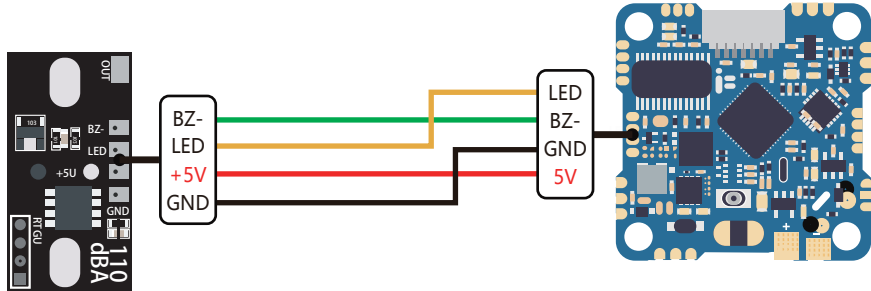
Identificador	Configuració/MSP	Rx sèrie	Sortida de Telemetria	Entrada de Sensor	Perifèrics
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Deshabilitat AUTO	Deshabilitat AUTO	Deshabilitat AUTO

图传

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	VTX (IRC Tran) AUTO
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO



LED/蜂鸣器



摄像头

