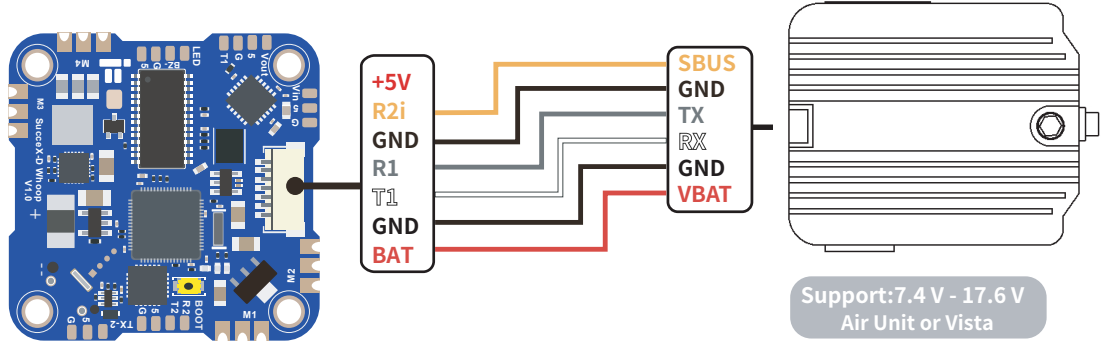


iFlight SucceX-D Whoop wiring diagram

Use DJI transmitter

Firmware: IFLIGHT_F411_PRO(IFRC) Target: STM32F411

Suggest to use the latest STM32F411 firmware.
All of the DJI Remote Controller,Goggles and
Air Unit Module need to be upgraded up to Latest version



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"/>

- Either **SBUS** or **Sbus Baud Fast** protocol can be selected.
For **SBUS** by default,change the DJI Goggles setting to **Normal**.
- For **Sbus Baud Fast**,use the latest Betaflight Configurator,
copy and paste "**set sbus_baud_fast=on**" into CLI and **save**,
and change the DJI Goggles setting to **Sbus Baud Fast**

Receiver

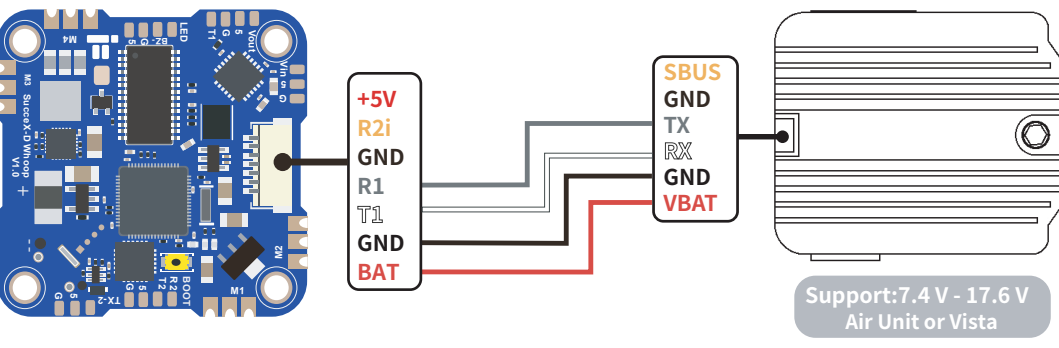
Serial-based receiver (SPEKSAT, \$) Receiver Mode

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

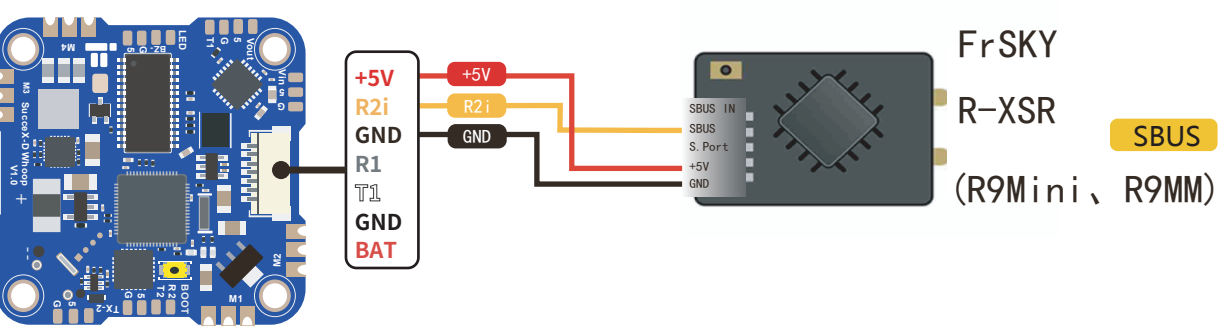
Any other transmitter

Config: IFRC-IFLIGHT_F411_PRO



To free UART2 to use a 3rd party receiver,
do NOT connect the DJI Air Unit SBUS and
GND (as in the picture).
Please follow further instructions below.

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"/>



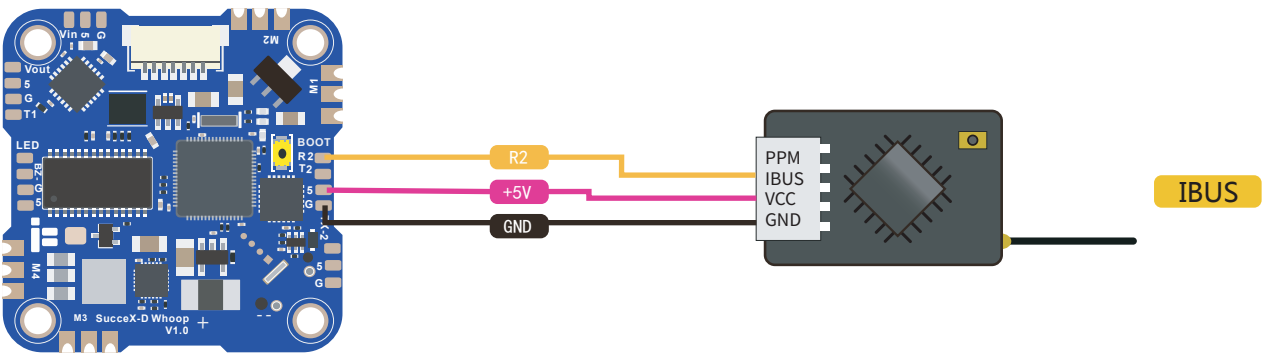
Receiver

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

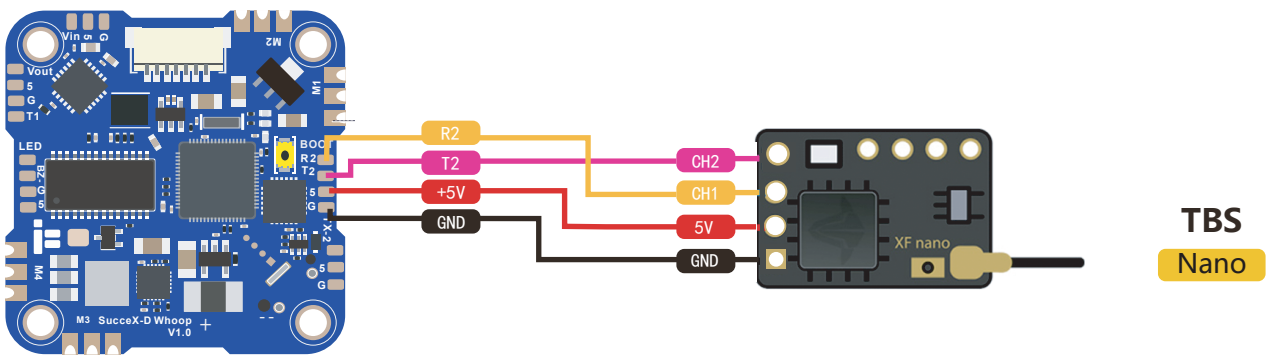


Receiver

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

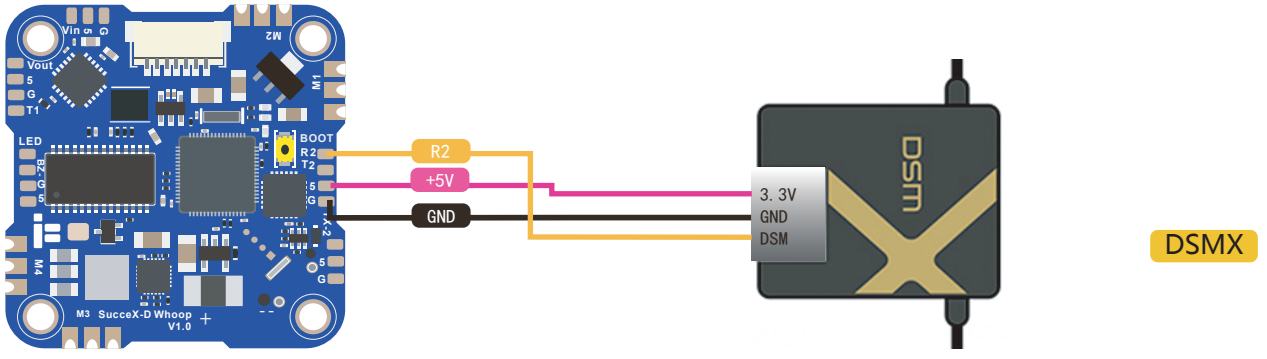


Receiver

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

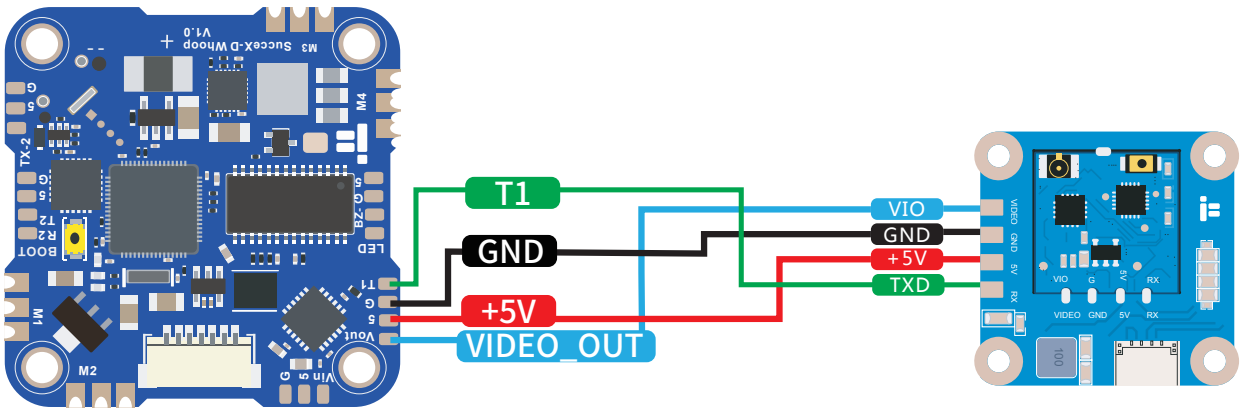
Serial-based receiver (SPEKSAT, \$) Receiver Mode

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

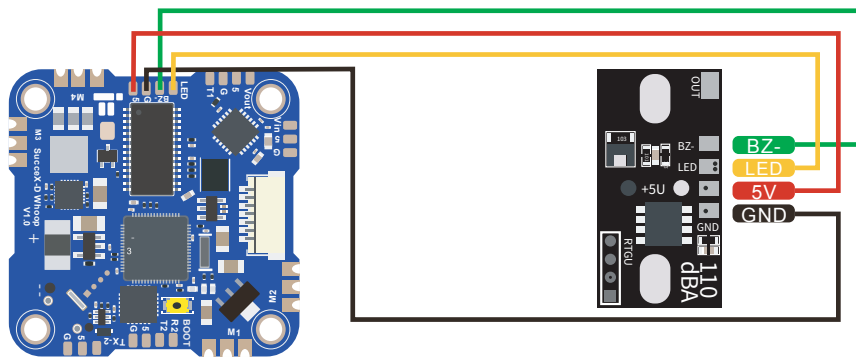
SPEKTRUM2048 Serial Receiver Provider

VTX

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



LED/BUZZER



CAM

