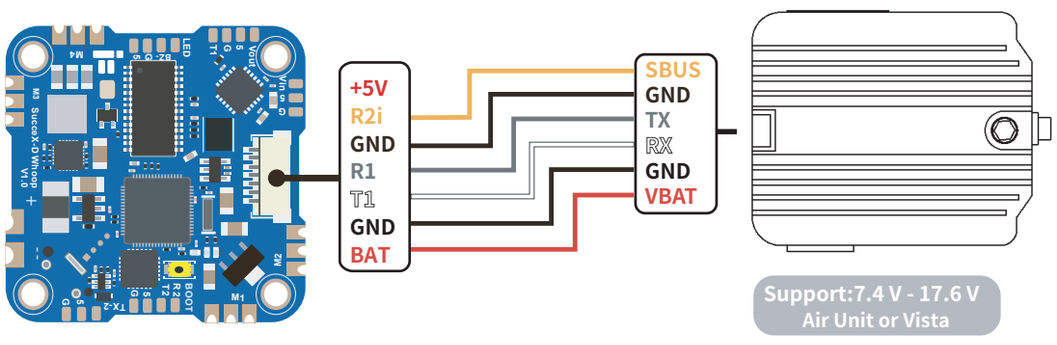
iFlight SucceX-D Whoop wiring diagram

Use DJI transmitter

Firmware Target: IFLIGHT_F411_PRO(IFRC)

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

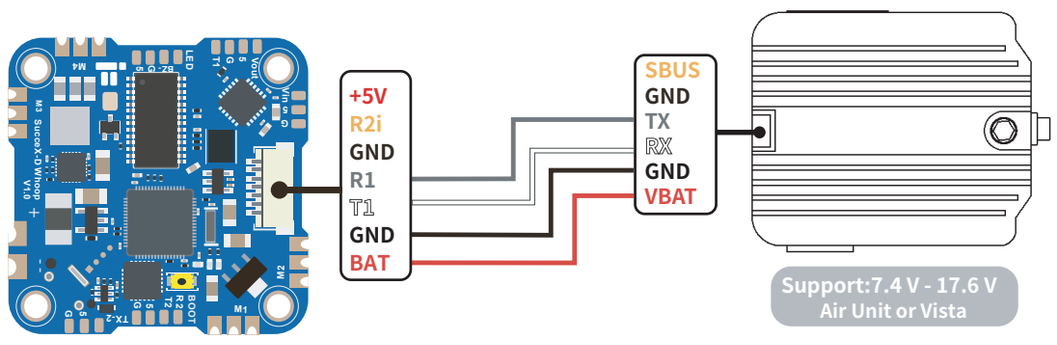


- Either SBUS or Sbus Baud Fast protocol can be selected.
  For SBUS by default,change the DJI Goggles setting to Normal.
- For Sbus Baud Fast,use the latest Betaflight Configurator,
  copy and paste " set sbus_baud_fast=on " into CLI and save,
  and change the DJI Goggles setting to Sbus Baud Fast

Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	✓

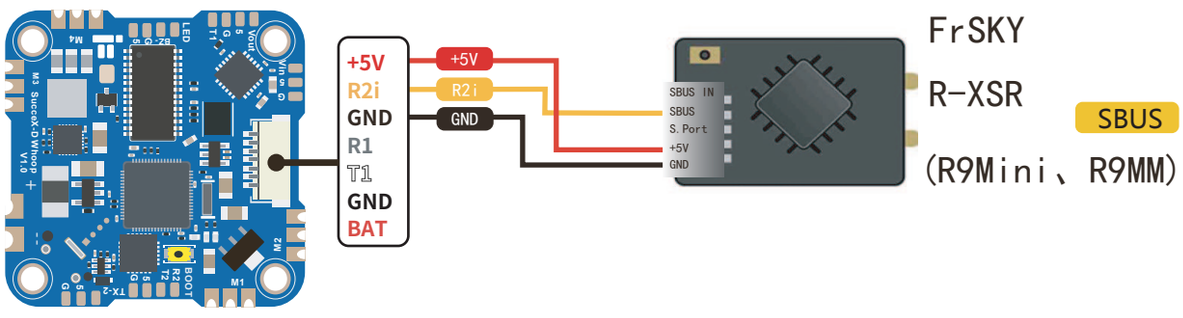
Receiver
Serial-based receiver (SPEKSAT, S) — Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
SBUS — Serial Receiver Provider

Any other transmitter



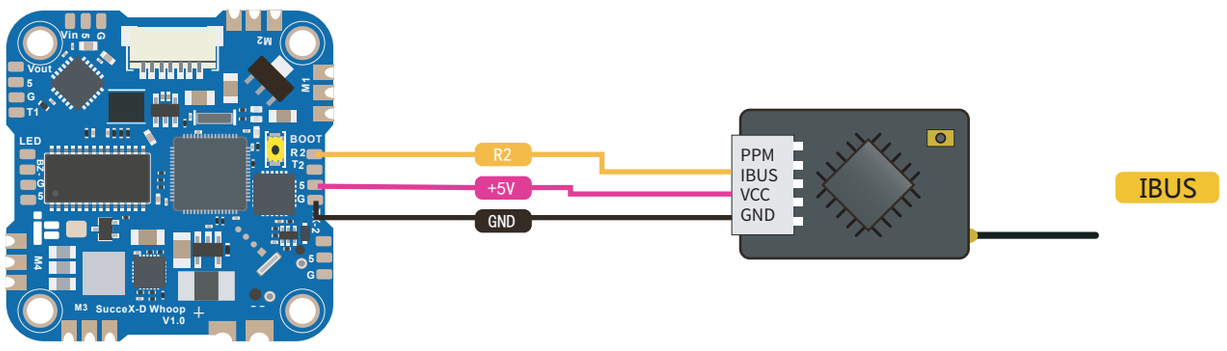
To free UART2 to use a 3rd party receiver, do NOT connect the DJI Air Unit SBUS and GND (as in the picture).
Please follow further instructions below.

Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	✓



Receiver
Serial-based receiver (SPEKSAT, S) — 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	115200		Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	115200		Disabled AUTO	Disabled AUTO	VTX (IRC Tran AUTO
UART2	115200	✓	Disabled AUTO	Disabled AUTO	Disabled AUTO



Receiver
Serial-based receiver (SPEKSAT, S) — Receiver Mode
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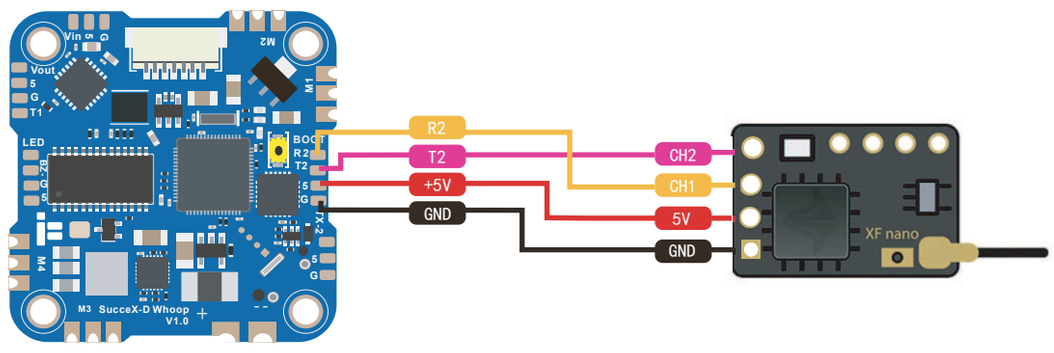
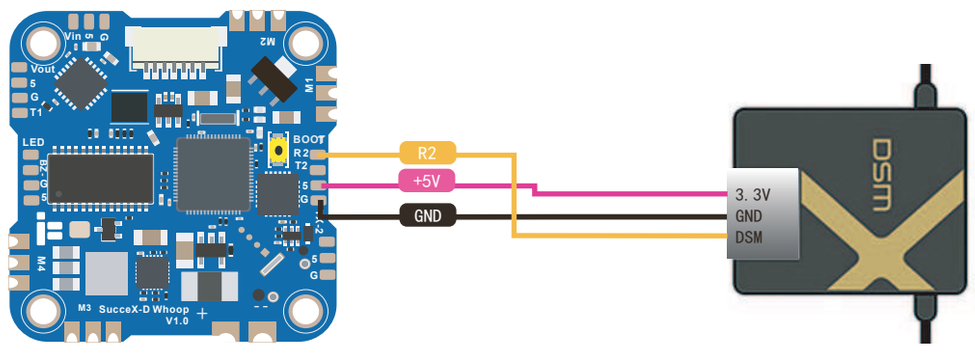
IBUS — Serial Receiver Provider



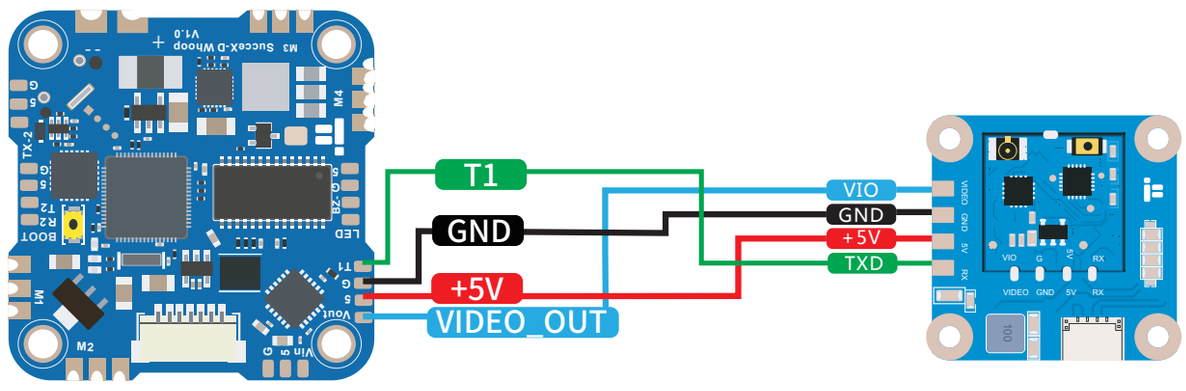
Receiver
Serial-based receiver (SPEKSAT, S) — Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
CRSF — Serial Receiver Provider



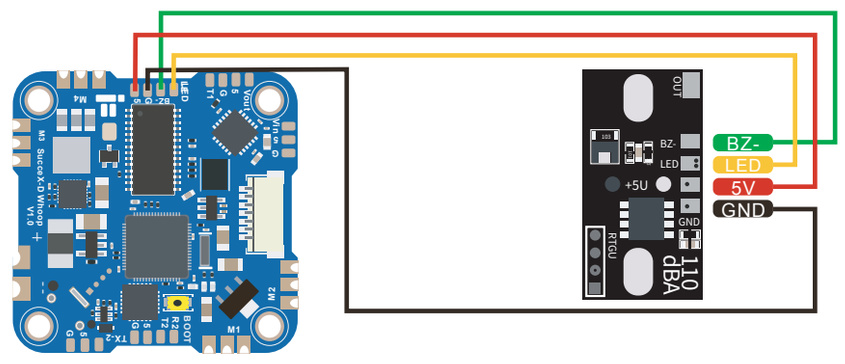
Receiver
Serial-based receiver (SPEKSAT, S) — Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
SPEKTRUM2048 — Serial Receiver Provider

VTX

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200		Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	115200		Disabled AUTO	Disabled AUTO	VTX (IRC Tran AUTO
UART2	115200	✓	Disabled AUTO	Disabled AUTO	Disabled AUTO



LED/BUZZER



CAM