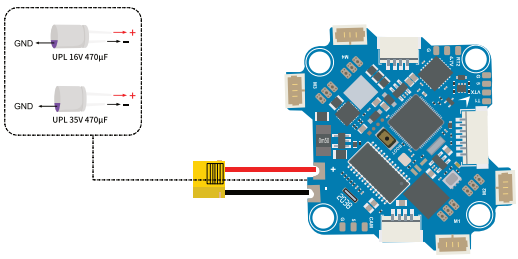
iFlight SucceX-D Whoop V3.0 wiring diagram

Caution

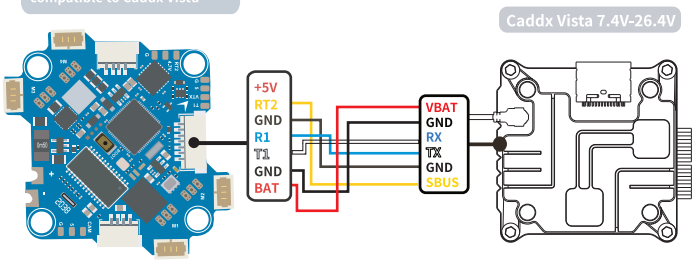


- This is a tiny high power AIO board! It’ s neccesary to add a low ESR capacitor on your battery pads or battery lead!
  There’ s a choice of capacitors already in the package.
- Small 4S motors usually need 16V/220μF and up. It’ s necessary to protect the hardware from motor generated back EMF and voltage spikes.

Use DJI transmitter

Firmware Target:IFLIGHT_F411-PRO(IFRC)

FC plug&play port and setup compatible to Caddx Vista



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

- Please check your protocols, otherwise your DJI Radio won’ t input signals!
  DJI Goggle protocol and Betaflight protocol has to match!
  For lower signal latency use the SBUS_BAUD_FAST protocol option on both ends.
  For Betafllght Copy\Paste“set sbus_baud_fast=on” into your Beataflight Configurator CLI then hit enter.
  Use“save” and hit enter to save the changes .
  Default: sbus_baud_fast=off, Goggle protocol set to NORMAL

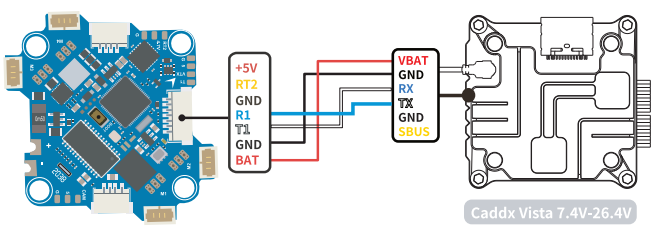
Receiver

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.

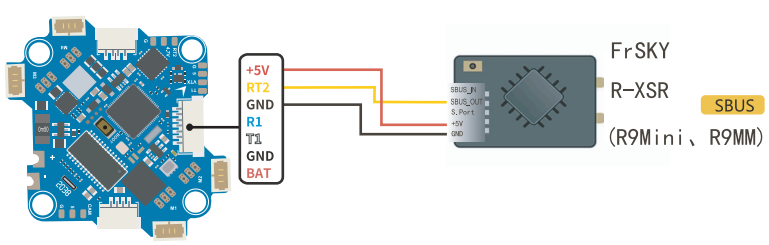
SBUS — Serial Receiver Provider

Any other transmitter



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

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



Receiver

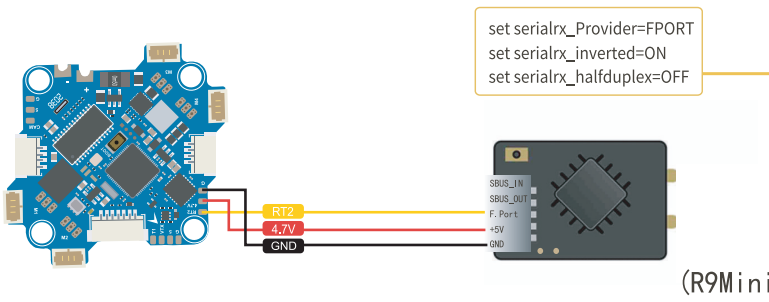
Serial-based receiver (SPEKSAT, S) — Receiver Mode

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

set serialrx_Provider=FPORT
set serialrx_inverted=ON
set serialrx_halfduplex=OFF

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



Receiver

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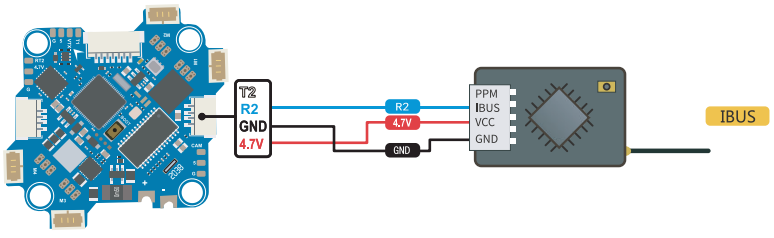
FrSky FPort — Serial Receiver Provider

TELEMETRY



Receiver

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

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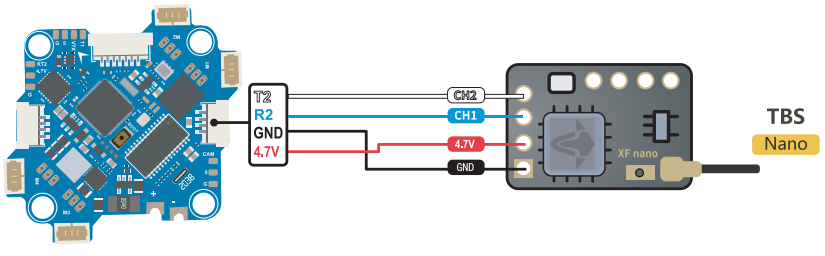
IBUS — Serial Receiver Provider



Receiver

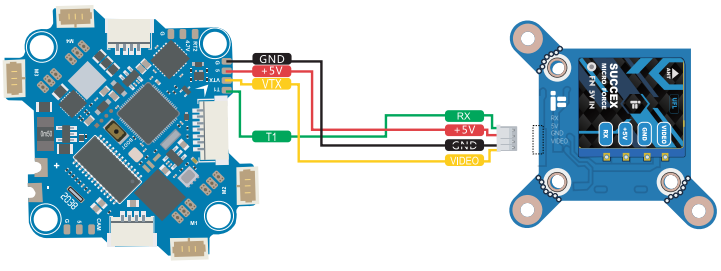
Serial-based receiver (SPEKSAT, S) — Receiver Mode

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

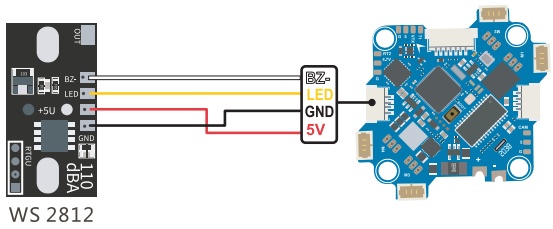
CRSF — Serial Receiver Provider

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



WS 2812

CAM