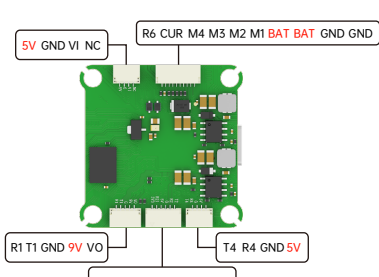
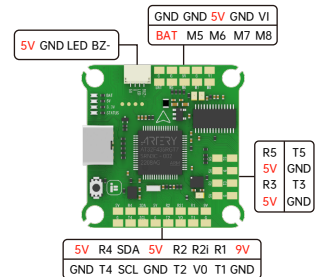
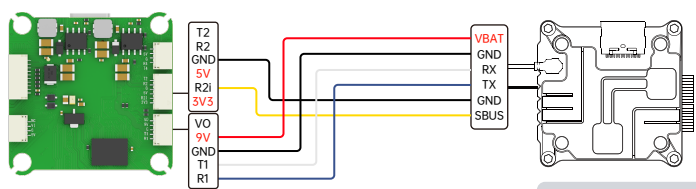


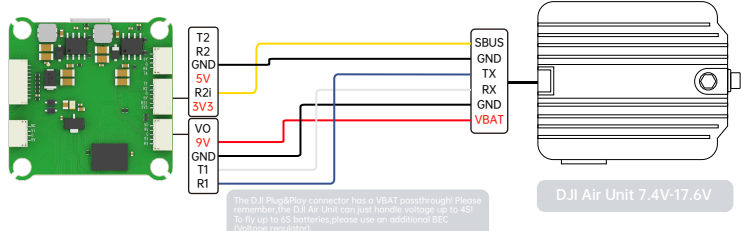
iFlight BLITZ ATF435 Wiring Diagram



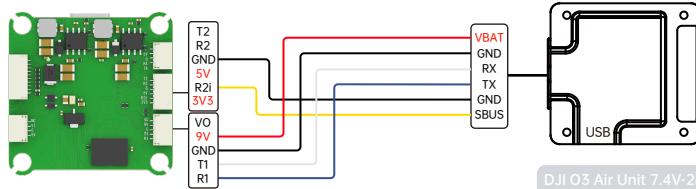
DJI Digital Transmitters



Caddx Vista 7.4V-26.4V



DJI Air Unit 7.4V-17.6V



DJI O3 Air Unit 7.4V-26.4V

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

Receiver

Serial (via UART) Receiver Mode

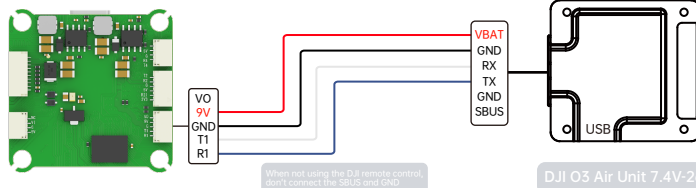
The UART for the receiver must be set to 'Serial Rx' (in the Ports tab)

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

SBUS Serial Receiver Provider

- To enable the air unit OSD under Betaflight 4.4 version, you need to select VTX (MSP+Displayport) in the peripheral port where the air unit signal is connected to the port interface.
- note: DJI FPV Remote Controller2 is for DJI O3 Air Unit
DJI FPV Remote Controller is for DJI Air Unit and Vista
- 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 Betaflight Copy Paste "set sbus_baud_fast=on" into your Betaflight Configurator CLI then hit enter.
Use "save" and hit enter to save the changes.
Default: sbus_baud_fast=off, Goggle protocol set to NORMAL

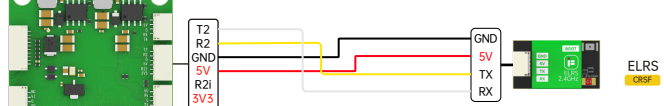
Any other Receiver



DJI O3 Air Unit 7.4V-26.4V



TBS nano



ELRS

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

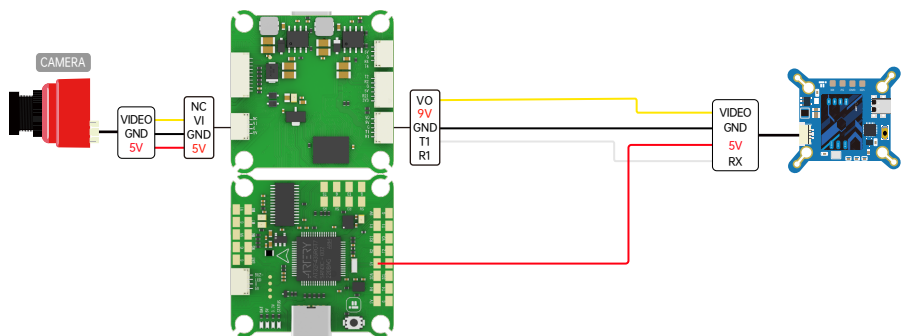
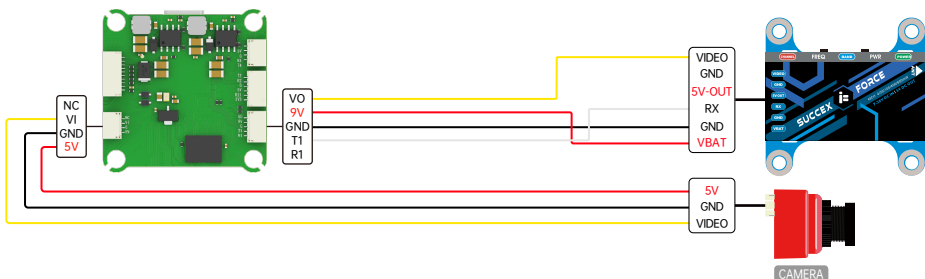
CRSF Serial Receiver Provider

Telemetry

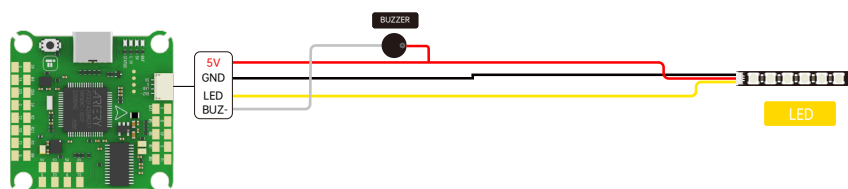
TELEMETRY Telemetry output

VTX/CAM

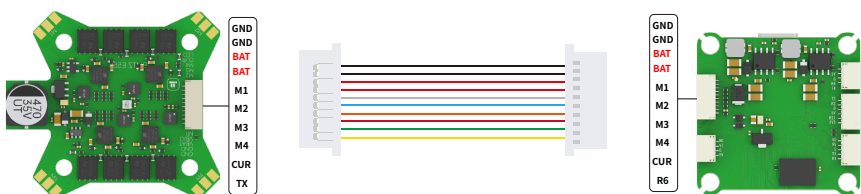
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200		Disabled	Disabled	Disabled
UART1	115200		Disabled	Disabled	VTX (IRC Tran)
UART2	115200		Disabled	Disabled	Disabled
UART3	115200		Disabled	Disabled	VTX (IRC Tran)
UART4	115200		Disabled	Disabled	VTX (IRC Tran)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



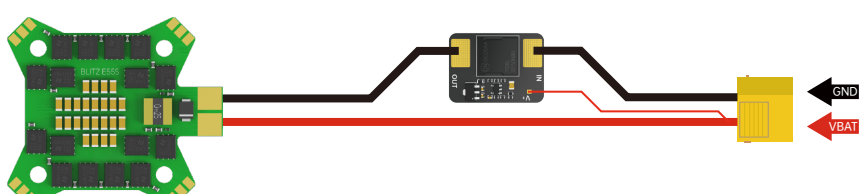
LED/BUZZER



ESC



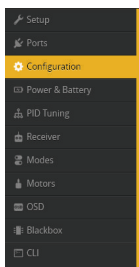
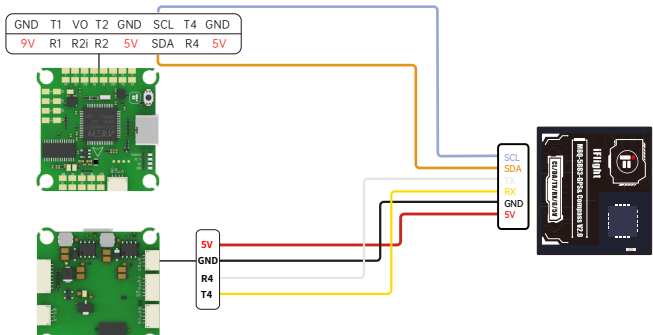
Anti-Spark filter



GPS

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

SDA/SCL pads cannot be remapped to UARTs



GPS

GPS for navigation and telemetry

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

UBLOX Protocol

Auto Baud

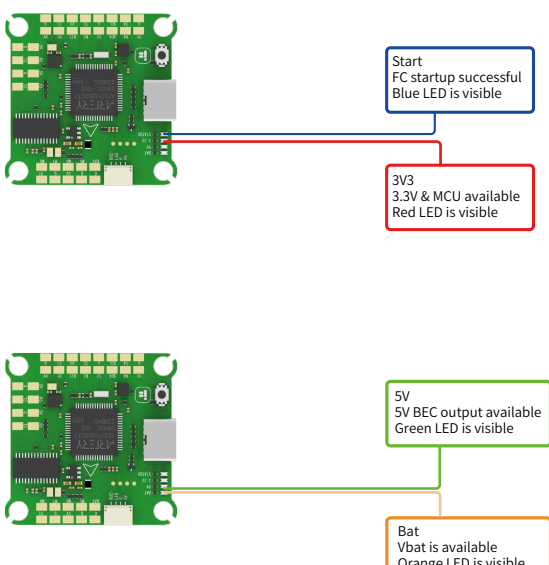
Auto Config

Use Galileo

Set Home Point Once

Auto-detect Ground Assistance Type

Status indicator



Note: Each LED indicates the status of your flight controller.