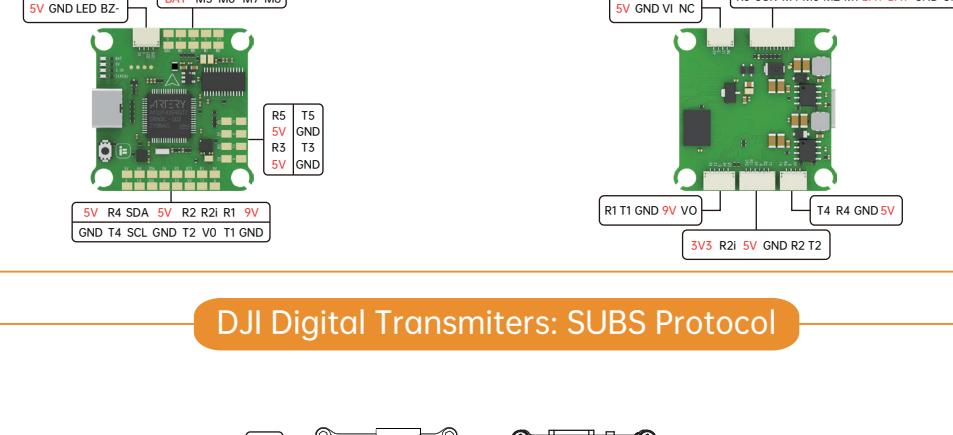
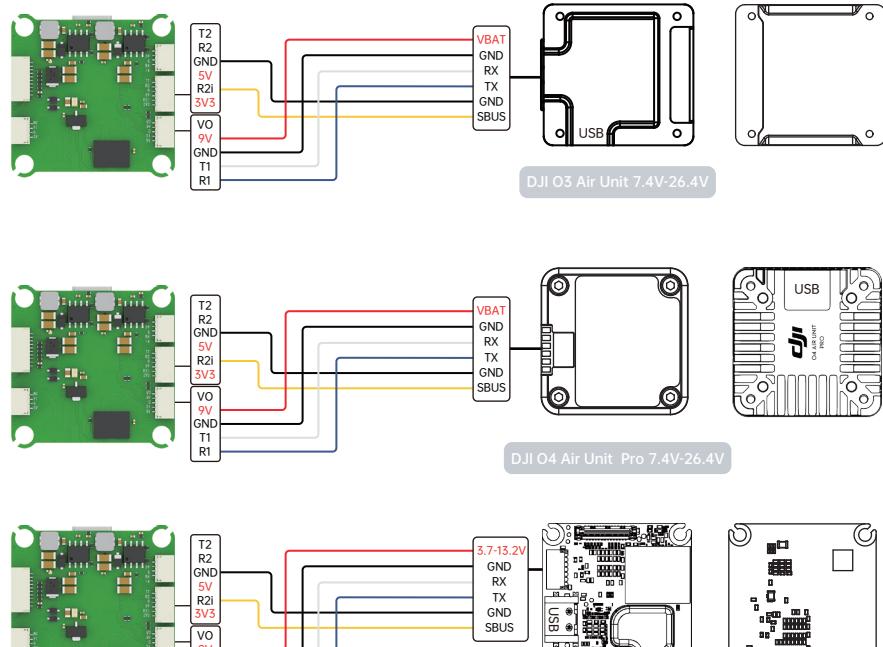


iFlight BLITZ ATF435 Wiring Diagram



DJI Digital Transmitters: SUBS Protocol

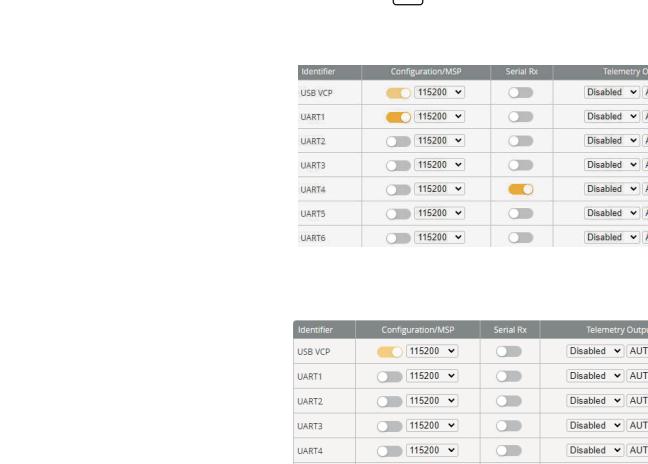


- To enable the air unit OSD under Betaflight 4.4 version, you need to select VTX (MSP+Displayport) in the peripheral port where the air unit signal is connected to the port interface.
- Please check your protocols, otherwise your DJI Radio won't input signals!

DJI Goggle protocol and Betaflight protocol has to match! For lower signallatency 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

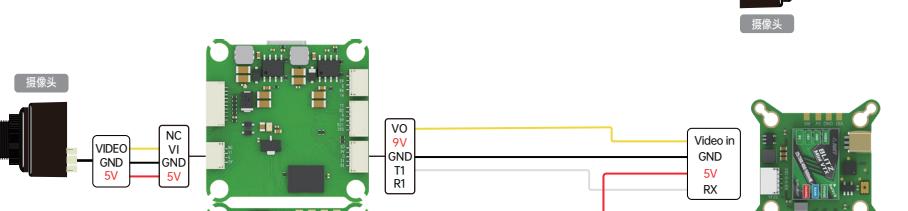
Others Receivers(TBS/ELRS): CRSF Protocol



Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Disabled	Disabled	Disabled	Disabled
UART1	115200	Disabled	Disabled	Disabled	VTX (MSP + D/A)
UART2	115200	Disabled	Disabled	Disabled	Disabled
UART3	115200	Disabled	Disabled	Disabled	Beneveo LIDAR
UART4	115200	Disabled	Disabled	Disabled	Blackbox logging
UART5	115200	Disabled	Disabled	Disabled	Camera (RunCam Protocol)
UART6	115200	Disabled	Disabled	Disabled	GPS (MSP + Displayport)

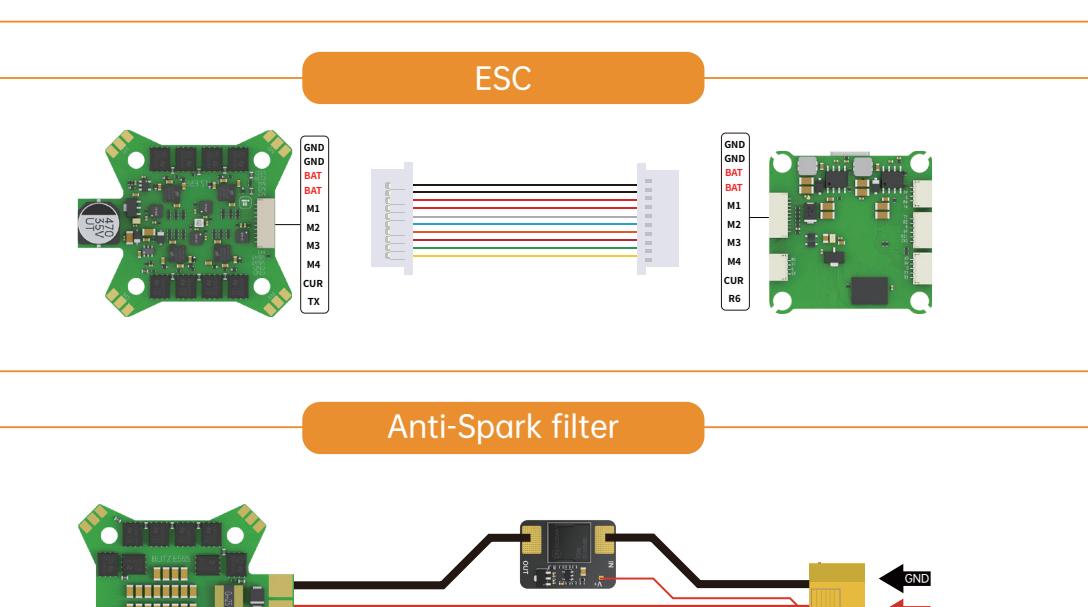
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
Receiver	Serial (via UART)	Receiver Mode			
	The UART for the receiver must be set to "Serial Rx" in the Ports tab	Select the correct data format from the drop-down, below:			
	CRSF	Serial Receiver Provider			
Telemetry	TELEMETRY	Telemetry output			

VTX/CAM

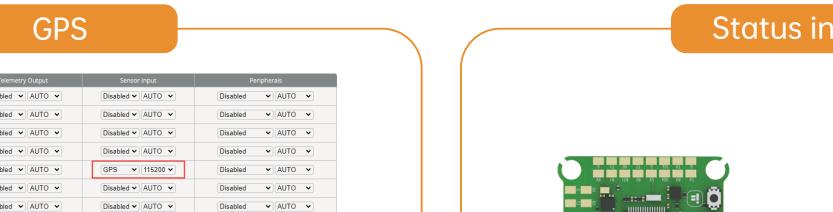


Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Disabled	Disabled	Disabled	Disabled
UART1	115200	Disabled	Disabled	Disabled	VTX (IRC Trunk)
UART2	115200	Disabled	Disabled	Disabled	Disabled
UART3	115200	Disabled	Disabled	Disabled	Beneveo LIDAR
UART4	115200	Disabled	Disabled	Disabled	Blackbox logging
UART5	115200	Disabled	Disabled	Disabled	Camera (RunCam Protocol)
UART6	115200	Disabled	Disabled	Disabled	GPS (MSP + Displayport)

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			



LED/BUZZER



ESC



Anti-Spark filter



GPS

SDA/SCL pads cannot be remapped to UARTs



Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Disabled	Disabled	Disabled	Disabled
UART1	115200	Disabled	Disabled	Disabled	VTX (IRC Trunk)
UART2	115200	Disabled	Disabled	Disabled	Disabled
UART3	115200	Disabled	Disabled	Disabled	Beneveo LIDAR
UART4	115200	Disabled	Disabled	Disabled	Blackbox logging
UART5	115200	Disabled	Disabled	Disabled	Camera (RunCam Protocol)
UART6	115200	Disabled	Disabled	Disabled	GPS (MSP + Displayport)

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Status indicator



Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
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			

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals

<tbl_r cells="6