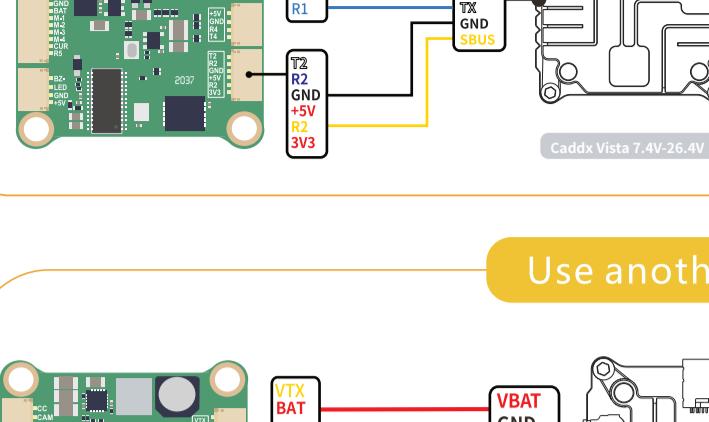


# IFLIGHT SUCCEX-E F7 V1.0 Wiring Diagram

## DJI Digital Transmitters

Firmware Target: iFLIGHT\_SUCCEX\_E\_F7

FC plug&play port and setup compatible to Caddx Vista

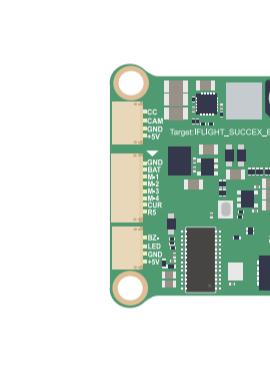
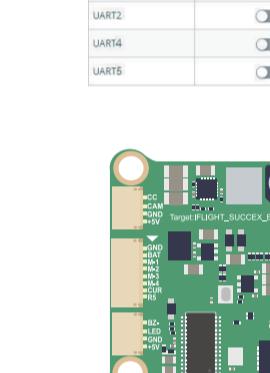
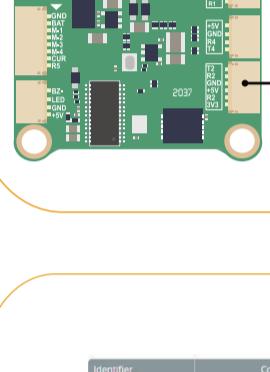
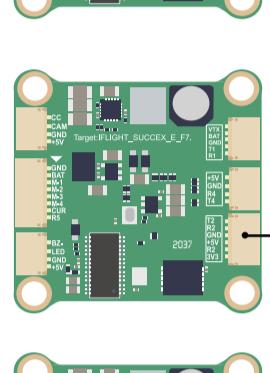
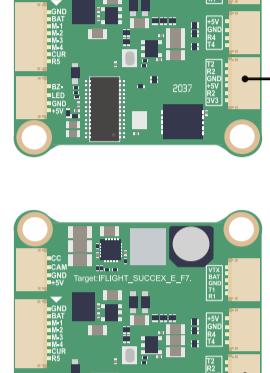


Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	Off
UART1	115200	Off
UART2	115200	On
UART4	115200	Off
UART5	115200	Off

Please check your protocols, otherwise your DJI Radio won't input signals!  
DJI original protocol and Beataflight protocol has to match!  
For lower signal latency use the SBUS\_BAUD\_FAST protocol option on both ends.  
For Beataflight 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
<b>Note:</b> Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.		
SBUS	Serial Receiver Provider	

## Use another transmitter



Caddx Vista 7.4V-26.4V

When not using the DJI remote controller, don't connect the SBUS and GND.

Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	Off
UART1	115200	Off
UART2	115200	On
UART4	115200	Off
UART5	115200	Off

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

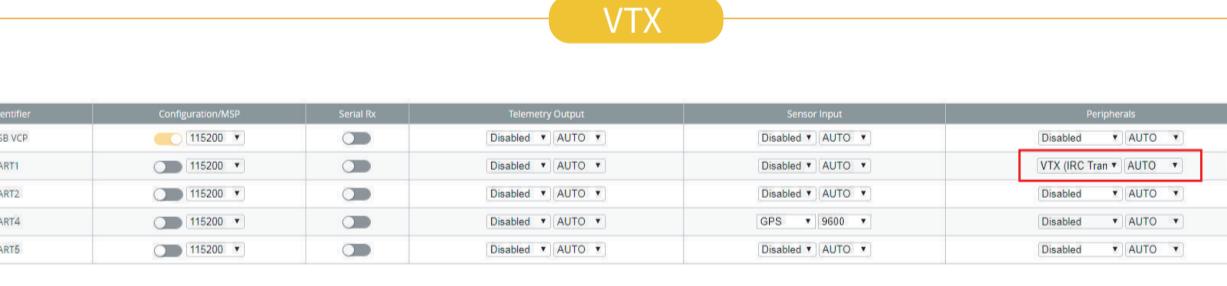
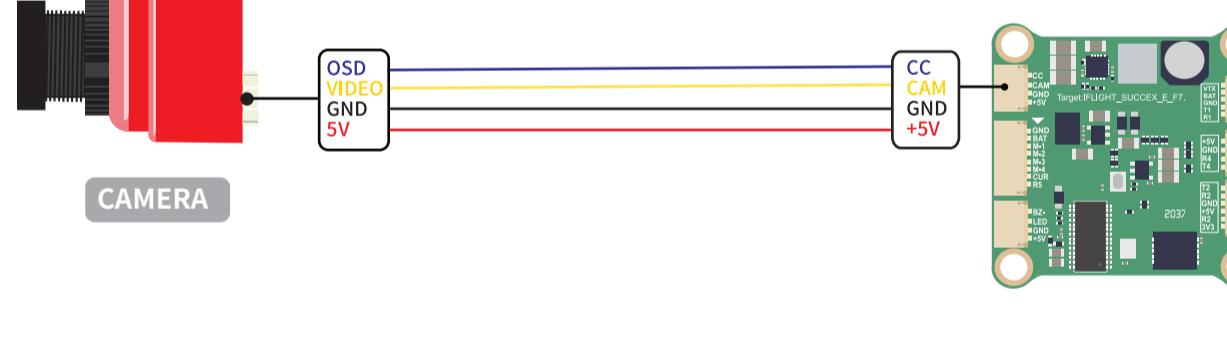
Receiver	Serial-based receiver (SPEKSAT, S)	Receiver Mode
<b>Note:</b> Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.		
SBUS	Serial Receiver Provider	

Receiver	Serial-based receiver (SPEKSAT, S)	Receiver Mode
<b>Note:</b> Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.		
FrSky FPort	Serial Receiver Provider	

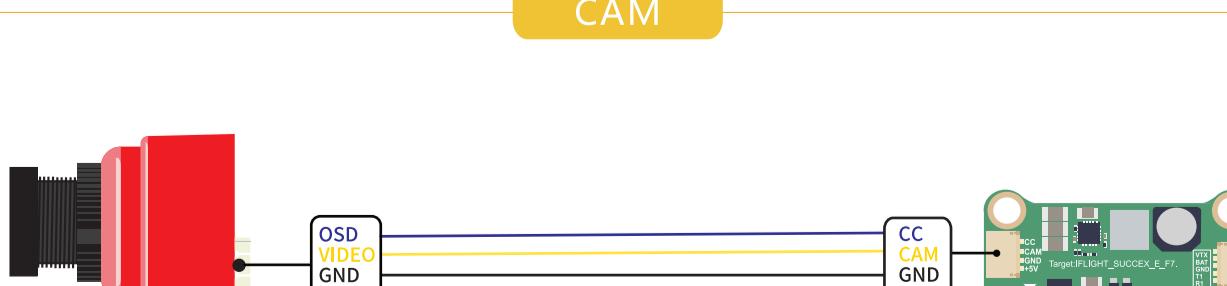
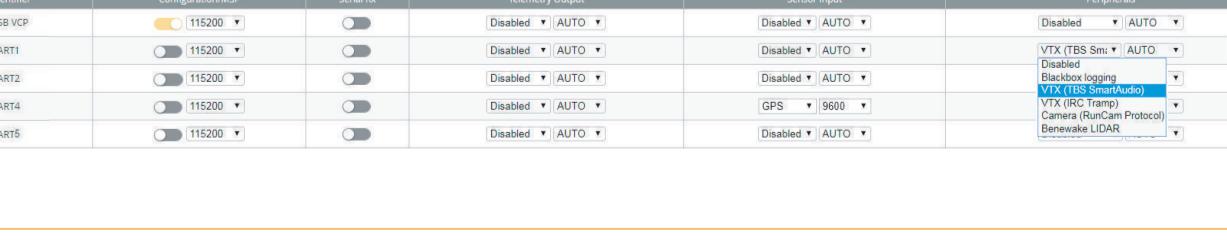
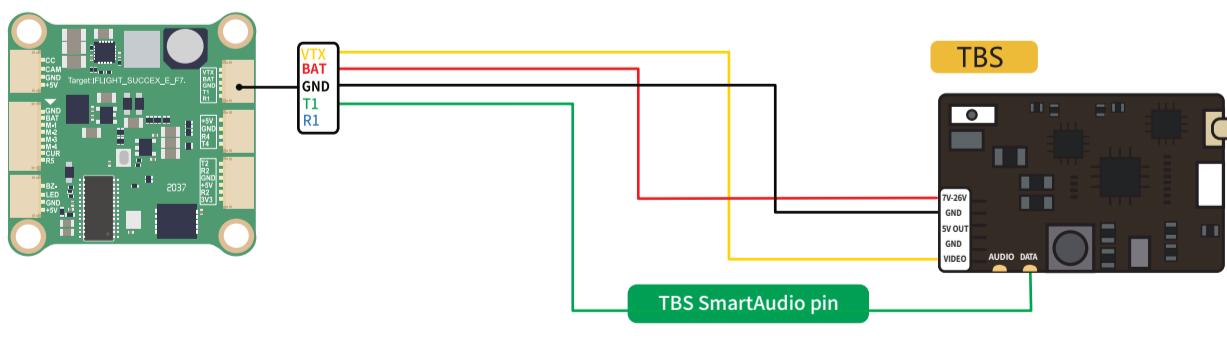
Receiver	Serial-based receiver (SPEKSAT, S)	Receiver Mode
<b>Note:</b> Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.		
CRSF	Serial Receiver Provider	

## VTX

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO
UART1	115200	Off	Disabled   AUTO	Disabled   AUTO	VTX (IRC Tran)   AUTO
UART2	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO
UART4	115200	Off	Disabled   AUTO	GPS   9600	Disabled   AUTO
UART5	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO



Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO
UART1	115200	Off	Disabled   AUTO	Disabled   AUTO	VTX (TBS Sm)   AUTO
UART2	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO
UART4	115200	Off	Disabled   AUTO	GPS   9600	Disabled   AUTO
UART5	115200	Off	Disabled   AUTO	Disabled   AUTO	Disabled   AUTO



## CAM

