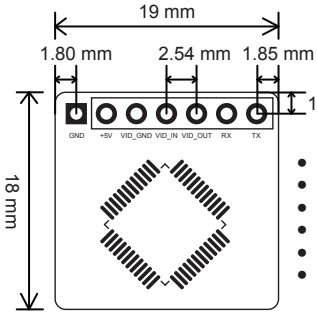
Introduction

The FrSky OSD (On-Screen Display) is a tool which can be used for connecting the gears between flight controller and camera. The generated real-time data via OSD (such as RSSI, current, voltage, altitude, etc.) will be programmed as an image to be superimposed on a screen picture, and ultimately transmitted to the goggle or other devices for the video feed on the ground. FrSky also offer the alternative mini version for some customized usage.

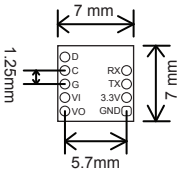
Specifications

Model Name	Dimension	Current consumption	Operating Voltage	Weight
OSD	19mm*18mm*3mm (L*W*H)	38mA@5V	5V	1.5g
OSD Mini	7mm*7mm*2mm (L*W*H)	35mA@3.3V	3.3V	0.3g

Layout



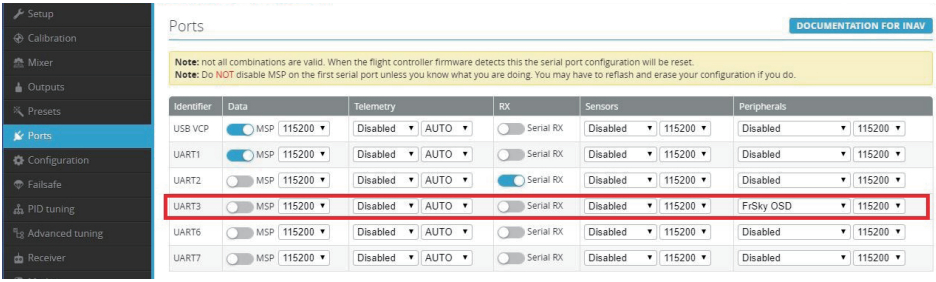
- +5: VCC +5V
- VID_GND: Video GND
- VID_IN: Video input (To Camera)
- VID_OUT: Video output (To VTX)
- RX: To FC TX
- TX: To FC RX



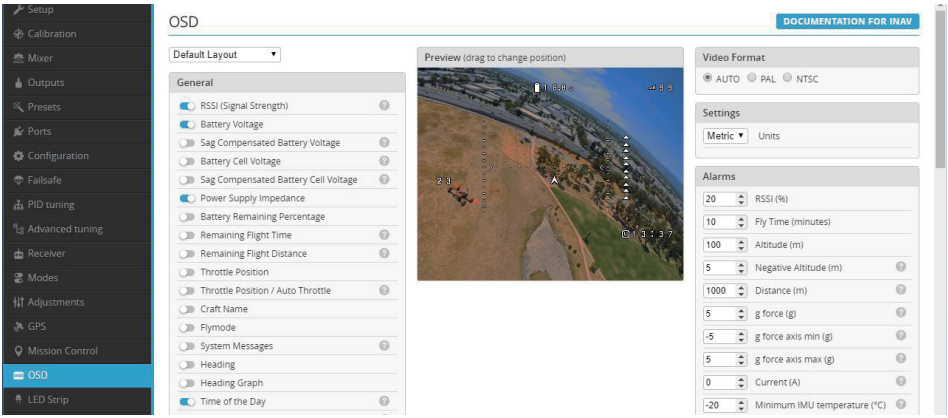
- G: GND
- VI: Video input (To Camera)
- VO: Video output (To VTX)
- RX: To FC TX
- TX: To FC RX
- 3.3V: VCC +3.3V

Parameter Configuration. (Take INAV for example)

Step 1: After connecting OSD, FC and VTX, open INAV software, select the corresponding UART, and click save.



Step 2: Select OSD option for parameter configuration



FrSky is continuously adding features and improvements to our products. To get the most from your product, please check the download section of the FrSky website www.frsky-rc.com for the latest update firmware and manuals.