

Micro minimOSD Manual v1.1

Destriptions:

The Micro Minim is the next step in micro OSD's. It has all the same features as its larger counterpart (except for the DC to DC converter) but in a tiny 15 x 15mm size. The Micro Minim OSD was engineered to bring users a very powerful OSD that will fit on very small models, perfect for the FPV 250 racing quads that are becoming extremely popular.

You can choose firmware that is MAVlink compatible for ArduCopter or MultiWii Serial for MultiWii and Baseflight/Clearflight control boards and has MWOSD suport . You can also connect 2 batteries up to 4S so that you can display main flight battery voltage, the 2nd port will allow your FPV battery voltage to be displayed as well.

Features:

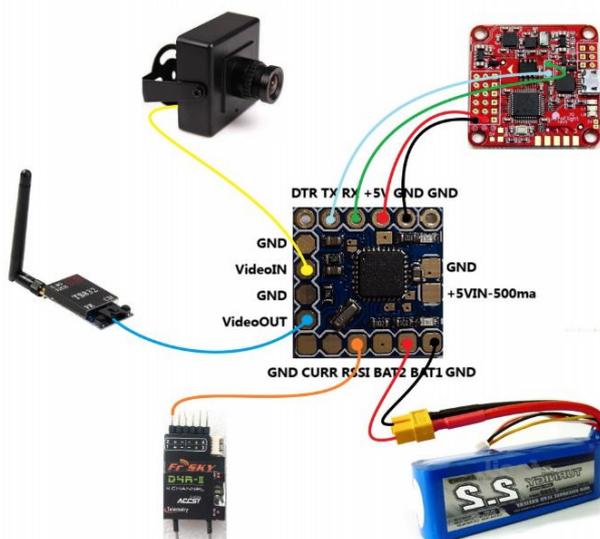
- Most of the same features as the original, larger Minim OSD but less than half the size
- FTDI cable compatible pinout
- Standard 6-pin ISP header
- 2 LED indicators
- ATmega328P with Arduino bootloader
- Max7456 monochrome on screen display
- Micro size (15 x 15mm)
- Pad for an analog or digital PWM RSSI signal
- Pad for the connection of a current sensor

Specs:

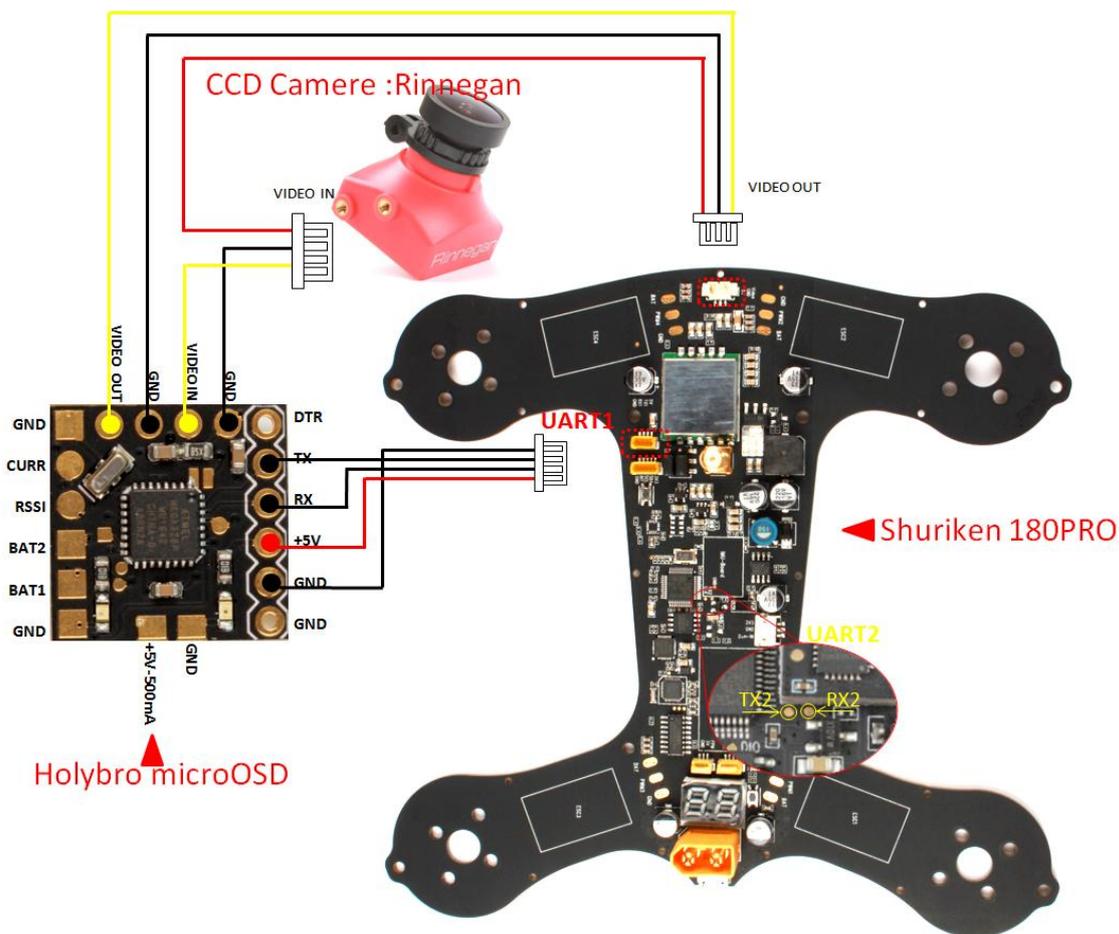
Dimensions: **15 x 15 x 4.3mm**

Weight: **1.2g (no leads)**

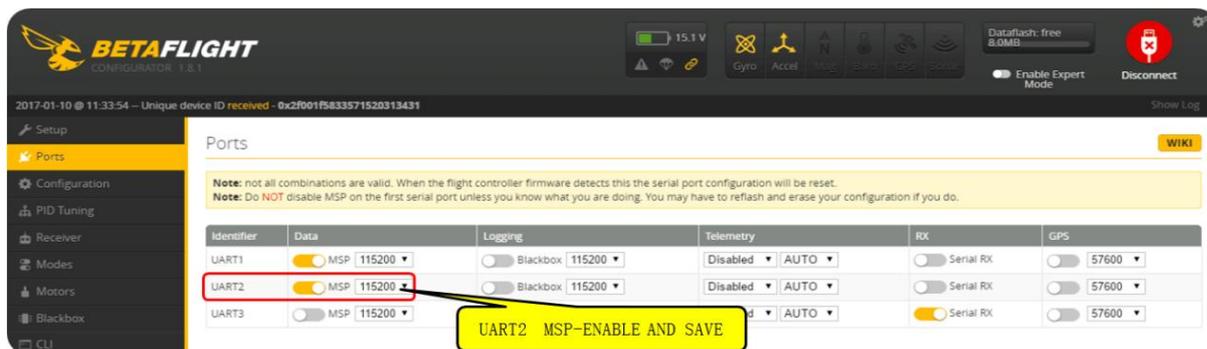
Connection



MicroOSD&Shuriken180PRO Connection



Port Settings



! When a Frsky receiver is used on the SHURIKEN180PRO, the UART2 will be occupied by the smartport, which means that the OSD can only be connected to UART1. When you are going to connect the drone to the computer please make sure you have disconnected either the battery from the drone or the OSD from the UART1. Otherwise there will be conflicts between the OSD and the USB.

• When the other types of receivers are used, we suggest that you connect the OSD to the UART2 (as shown in the diagram) and enable the UART2 -MSP in the Betaflight GUI.