Description

The FlyfishRC-M10 Mini is a small, fast and easy to use GPS. it uses an 11.7*11.7mm RHCP ceramic patch antenna to provide excellent reception and a highly stable connection. the UBLOX generation 10 chip allows minor altitude changes to be skipped for increased stability.

Specification

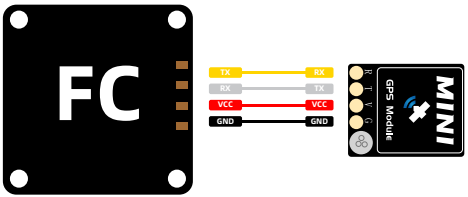
GPS patch antenna size: 11.7 x 11.7 mm
Total dimensions: 12.3 x 16.2 x 4.9 mm
Weight: 2.4g
Input Voltage: 3.3V-5V
GPS pin definition: RX/TX VCC/GND


Front



Back

Wiring



Setup GPS in Betaflight

1.Enter the Ports tab in BF,select GPS in the Sensor input of UART4 and change the baud rate to 115200bps.Click Save.

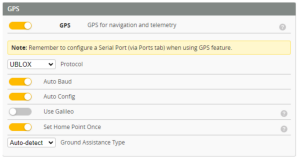

Open Betaflight Configurator

Go to the Ports tab



Refer to the picture above for settings

2.Enter the configuration tab,enable GPS,select the UBLOX protocol, enable Auto baud rate and Auto Config and click Save.(BF4.3 firmware version or above only).

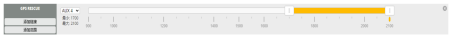


3.Reconnect the flight controller.For the GPS to work properly,an additional power supply may be needed.Plug your battery into your aircraft(please take off the props before plugging in LiPo),and pay attention to the BF status bar.The GPS icon will light up,indicating that the GPS is now "talking"to your flight controller.

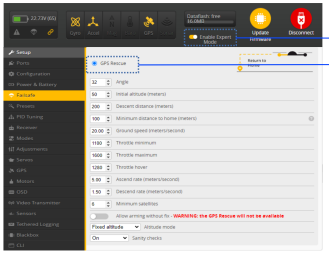


Settings GPS RESCUE

1.In the Modes Tab,add GPS RESCUE mode,and set your desired AUX channel.



2.Enable Expert mode in BF,go to the Failsafe tab and set the relevant parameters of GPS rescue.



In order to access the Failsafe tab,Expert mode has to be toggled on.

Changed Phase ll failsafe protection to GPS rescue.

3.Set the GPS RESCUE mode in the preset channel settings to a value that can trigger a rescue.

