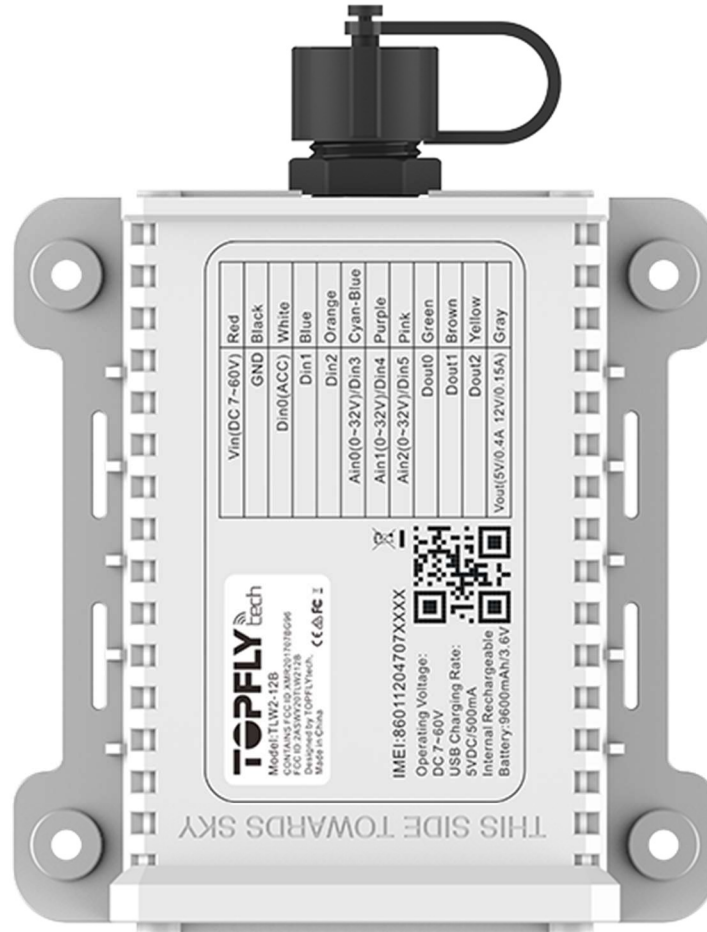


## TopFly Tech TLW2-12B Specifications:



### Network/Operating Band

FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28

TDD: B39 (Cat M1 only)

EGPRS 850/900/1800/1900MHz

### GNSS Specifications

GNSS Chipset : Qualcomm Gen 8C GNSS receiver



Parallel GNSS : GPS+Glonass+Galileo+Beidou

Receiver Type : 33 tracking / 99 acquisitions- channel GNSS receiver

Position Accuracy (CEP) : Autonomous < 2m

Standalone TTFF : Cold start: < 29s  
Warm start: < 27s  
Hot start: < 1s

## **Interfaces**

Digital Input : 3

Digital Output : 3

Configurable Input (Digital/Analog) : 3

Voltage Output (DC 5V/12V) : 1

Network, GNSS Antenna : Internal only

Indicator LED : Network, GNSS and Battery

FOTA : Yes

Light Sensor : 1 back light sensor

Temperature Sensor : 1 temperature sensor

BLE 5.0 : Yes

## **General Specifications**

Waterproof : IP67

Dimensions : 132mm\*100mm\*34mm (5.2" \*3.93" \* 1.34")

Weight : 320g (11.3oz)



Battery : Rechargeable Li 9600 mAh/ 3.6V

Standby Time :

(2 hours active tracking per day without accessories and charging)

10 minutes reporting: 320 Days

5 minutes reporting: 170 Days

1 minute reporting: 68 Days

Charging & Data Communication : Magnetic USB cable

Operating Temperature : -25°C ~ +80°C (-13°F ~ 176°F)

Mounting : Magnet/Screw

## **Air Interface Protocol**

Transmit Protocol : TCP, UDP, MQTT, SMS

BLE Accessory Support : Yes

Scheduled Timing/angle/distance Report : Report position and status at preset intervals

External Power Status Alarm : Report when external power is disconnected

Low Power Alarm : Report when backup battery is low

Remote Control : Remote output control

Removal Alarm : Sending alarm when the light sensor detecting the light changing

