

TopFly Tech TLW2-12B Specifications:



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 : 2

Configurable Input (Digital/Analog) : 3

Indicator LED : Network and GNSS

FOTA : Yes

BLE (Bluetooth Low Energy) : 5.0

General Specifications

Waterproof : IP65

Dimensions : 102.5mm*42.5mm*12mm (4.04" *1.67" *0.47")

Weight : 55g (1.94oz)

Backup Battery : Li-Polymer 200 mAh/ 3.7V

Operating Voltage : 7V to 60V DC

Operating Temperature : -30°C ~ +80°C (-22°F ~ 176°F)

Storage Temperature : -40°C ~ +85°C (-40°F ~ 185°F)

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

Speeding Alarm : Report when speed exceed the pre-set value

Towing Alarm : From internal 6-axis accelerometer

Remote Control : Remote output control

Network Signal Jamming Detection : Report network jamming

Data Roaming Control : Avoid additional data consumption

Driving Behavior Monitoring : Aggressive driving behavior detection, e.g. harsh braking and acceleration

Crash Detection : Accident data collection for reconstruction and analysis