



95 (L) x 60 (W) x 22 (H) mm



109 g

General Specifications

Network	Quectel EG915UEU LTE Cat1 fallback 2G
GNSS (Optional)	GPS, GLONASS, BDS, Galileo and QZSS
BLE	Bluetooth 5.3
Battery	Li Polymer 2500 mAh rechargeable
Operating Voltage	3.7 V
Operating Temperature	-20°C to +60°C
IP Rating	IP64
Standby Time	More than 30 days Based on: 1) G-sensor, light sensor, temperature and humidity sensor, barometer sensor always on 2) GNSS off 3) Every 5 minutes store sensor data and 20 minutes report

Interface Description

LED Indicator	LTE Indicator LED Power Indicator LED GNSS Indicator LED
Type C Interface	Used for upgrading, support external 1-wire temperature sensors

EGPRS Specifications

Data Transmission	EDGE: (DL)296 kbPs/(UL) 236.8 kbps GPRS: (DL) 107 kbps/(UL) 85.6 kbps
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Network

2G	EGPRS 850/900/1800/1900MHz
LTE Cat M1	TE FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B25/B26/B27/B28/B66/B85
LTE Cat NB2	LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B25/B28/B66/B71/B85

Sensor Accuracy

Light Sensor	±10%
Temperature Sensor	0°C to 60°C: ±0.4°C <0°C: ±1°C
Humidity Sensor	±5%
Barometer Sensor	±0.2 kPa

Features

CELL	LBS
TH Sensor	Temperature & Humidity data store and report
Light Sensor	Light detection
Motion Sensor	Motion detection/Tilt detection/Crash detection/Fall detection
Flight Mode	Two ways flight mode detection, motion sensor and barometer
Transmit Protocol	TCP/UDP
Regular Timing Report	Regularly report location/TH value/Event/G-sensor value/ Battery level/CSQ/Light/Network type
Battery	Lower battery alarm
Remote Control	TOTA and OTA management

Certification

CE, EN 12830:2018, EN 13486:2023