

V3

4G Mini GPS Tracker

V3 is a 4G wireless locator with ultra-low standby power consumption. It combines multiple positioning systems such as Beidou, GPS, Glonass, WiFi, and LBS, and can be combined as needed when used. It realizes the low power consumption data transmission of LTE-cat.1, which reduces the power consumption of the conventional 4G communication equipment by about 30%. Through industrial-grade precision structural design, it has become an ultra-small volume, ultra-thin thickness, ultra-long standby device.



Freight Logistics



Car Rental & Leasing



Asset Tracking & Protection



Cargo Escort Services



LTE Cat.1 Network

Stable communication via IoT-specific 4G LTE networks.



GPS & BDS & LBS Positioning & Glonass

A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.



Anti-destruction alarm

Built-in photoelectric sensor, light intensity exceeds the set threshold in an instant. The anti-tampering alarm will be triggered immediately.



Flexible Installation

This device can be installed with standard 3M double-sided tape.



Multiple Working Modes

Reporting interval of 1 minute to 90 days, can be set flexibly.



Ultra-thin size

The industrial-grade precision structural design makes it an ultra-small, ultra-thin, and ultra-long-lasting device.



Blind Zone Data Recovery

Local storage devices in signal blind spots, upload after signal recovery.



OTA Support

Enable operators or fleet managers to upgrade the V3 from anywhere.

Standard Configuration

Positioning & Location

Technology	BDS/GPS/GLONASS/LBS/WIFI
Accuracy	<2.5m CEP
Tracking sensitivity	-160dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤1sec; Avg. cold start ≤32sec

Cellular

Technology	4G Cat.1
Frequency	LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B34/B38/B39/B40/B41
Ultra-thin size	<5uA
Average working current	75mA@3V

Power

Battery	530 mah
Input voltage	N/A
Power consumption	3 years (Locate once every seven days.)

Interface

LED indication	Power (Red)
SIM	nano
Digital I/Os	N/A
Analog I/Os	N/A
Voltage detection	N/A
USB	N/A
GNSS antenna	Ceramic antenna
Bluetooth antenna	N/A
Serial ports	N/A

Operating environment

Operating temperature	-20 ~+60
Operating humidity	5% to 95%, non-condensing
IP rating	IP64

Physical specification

Dimensions	40.6*39.8mm
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Optional Configuration*

*Optional Configuration required to be customized or purchased separately.

