

V6

Waterproof Asset Tracking Terminal

V6 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 structural design, it has become an ultra-small positioning device with long-term immersion waterproof function.



Car Rental Services



Vehicle Mortgage & Loan



Used Car Services



Mobile Asset Management



4G Connectivity

Ensure stable communication via IoT-specific 4G LTE networks.



Multiple Working Modes

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



Low Battery Alert

Remind stakeholders of low battery when the SoC of the tracking unit falls below 20%.



Waterproof level

The industrial-grade structural design makes it an ultra-small positioning device with long-term immersion waterproof function.



Multi-source Positioning

Use multiple positioning and location systems to accurately pinpoint the location of tracked assets.



Long Service Life

Locate every seven days, use for three years



Programmable Geofence

Enable you to draw out virtual boundaries to ensure tracked assets are moving inside designated areas and get alerted for entry or exit.



Compact Design

Measure 19.8x19.8x62mm, making it suitable to be used in space-limited scenarios and for discreet installation.

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	FDD-LTE: B1/B3/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B41

Power

Battery	3200mAh/3.0V Li-Po battery (disposable)
Ultra-thin size	<5uA
Average working current	75mA@3V
Positioning accuracy	<10m (CEP50)
Battery life	3 years (Locate once every seven days.)

Operating environment

Operating temperature	-20°C to +70°C
Operating humidity	5% to 95%, non-condensing
IP rating	IP68

Interface

LED indication	Power (Red)
SIM	Nano-SIM
Memory capacity	N/A
Tamper proof	N/A
USB	N/A
GNSS antenna	Internal
Bluetooth antenna	N/A

Feature

Voice monitoring range	N/A
Sensors	N/A
Scenarios	Low battery alert, Geo-fence entry & exit alert
Bluetooth	N/A
RFID	N/A
Mount method	3M double-sided adhesive tape
Configuration support	SMS, PLATFORM
Certification	CE

Physical specification

Dimensions	19.8*19.8*62mm
Weight	35g

Standard Packing

V6 unit	1
Magnetic base	1
3M double-side adhesive tape	1

Optional Configuration*

No magnetic base	A slimmer profile, reducing thickness from 24mm to 19.8 mm.
O-ring	Enhanced water resistance, upgrading the IP rating from IPX4 to IP68 .

*Optional Configuration required to be customized or purchased separately.