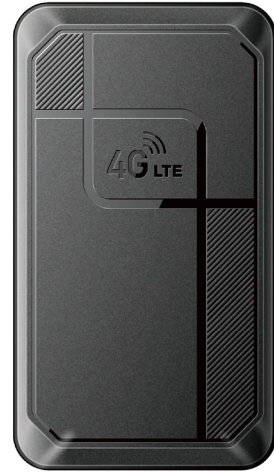




# LL702

## 4G Cat 1 GPS Tracker

The LL702 is a wireless GPS tracker designed for ultra-long operation and easy installation. The 4,200mAh battery allows it to operate for more than 3 years in default mode, that is, one position fix a day. The compact size and the strong magnet enable it to be installed hidden in vehicles, equipment, and other valuables securely. It pinpoints the locations of these assets accurately using satellites (GPS) and base stations. Other features include tamper alert, geofence alert, multiple working modes and more, making it suitable to be used in various tracking scenarios to keep your asset safe and give you peace of mind.



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### GPS & LBS Positioning

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



### LTE & GSM Network

Communication via 4G LTE networks with 2G GSM fallback.



### Tamper Alert

Receive a tamper alert when the light sensor detects device removal.



### Multiple Working Modes

Configurable working modes according to your actual demands.



### Strong Magnetic Base

Near-zero installation; the LL702 tightly and effortlessly fastens to most metal surfaces.



### Multiple Alerts

Instant alerts for atypical events such as geo-fence entry/exit, low battery, device removal, etc.

## Standard Configuration

### Positioning & Location

Technology	GPS, LBS
Accuracy	< 2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤ 1sec; Avg. cold start ≤ 32sec

### Cellular

Technology	LTE Cat 1, GSM LL702-E: LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41
Frequency	GSM: B2/B3/B5/B8 LL702-L: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD: B40 GSM: B2/B3/B5/B8

### Power

Battery	4,200mAh/3.0V industrial-grade Li-MnO <sub>2</sub> battery (disposable)
Working modes	Mode 1: Tracking mode Mode 2: Timing mode Mode 3: Week-based mode Mode 4: Alarm-based mode
Battery life	2 days to 3 years

### Operating environment

Operating temperature	-20°C to +60°C
Operating humidity	5% to 95%, non-condensing
IP rating	IP54

### Interface

LED indication	Power (Green)
SIM	Nano-SIM
Memory capacity	400 GPS data entries
Tamper proof	Light sensor
USB	N/A
GNSS antenna	Internal
Bluetooth antenna	N/A

### Feature

Voice monitoring range	N/A
Sensors	Light sensor
Scenarios	Tamper alert, Geo-fence entry & exit alert
Specialities	Additional fixes (generated in cellular blind spots) upload upon cellular reconnection
Bluetooth	N/A
RFID	N/A
Mount method	Magnet
Configuration support	Online command, SMS
Certification	CE, FCC

### Physical specification

Dimensions	80,0 x 45,0 x 31,4mm
Weight	145g

## Standard Packing

LL702 unit	1
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## Optional Configuration\*

N/A

\*Optional Configuration required to be customized or purchased separately.