



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/BDS), base stations, and WiFi hotspots. Other features include tamper alert, low battery 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.



GPS & BDS & LBS & Wi-Fi 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, abnormal vibration, low battery, device fall/removal, etc.

Car Rental



Auto Finance



Used Car Business



GNSS

Positioning system	GPS+BDS+LBS+WiFi
Frequency	GPS: L1 BDS: B1
Positioning accuracy	<2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤ 1sec Avg. cold start ≤ 32sec

Cellular

Communication network	LTE Cat.1/GSM
Frequency	LL702-E: LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 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-Manganese battery
Working modes	Mode 1: Tracking mode Mode 2: Power-Saving mode Mode 3: Week-based mode Mode 4: Alarm-based mode
Standby time	Up to 3 years (one fix per day)

Interface

LED indication	Cellular (Green)
SIM	Nano-SIM
Data storage	32+32Mb
Tamper proof	Light sensor

Physical specification

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

Operating environment

Operating temperature	-20℃ to +70℃
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Feature

Sensors	Light sensor, accelerometer
Scenarios	Tamper alert, low battery alert, geo-fence alert
Specialties	Additional fixes (generated in cellular blind spots) upload upon cellular reconnection