



LL704

Long-Life Asset Tracking Terminal

The LL704 is a 4G asset tracking terminal designed for extended use. With its ultra-low power consumption design and single daily location update setup, it boasts an operational lifespan of over three years on its internal battery. Using multi-source positioning and location technologies such as GPS and LBS, the LL704 provides alerts for unauthorized removal, low battery, and geofence violations, ensuring the safety and accurate location of your vehicles and other assets. Compact and discreet, the LL704 features a built-in magnet for easy installation in space-constrained environments. In addition, its versatile working modes meet a variety of tracking needs.



Car Rental Services



Vehicle Mortgage & Loan



Used Car Services



Mobile Asset Management



4G Connectivity

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



Tamper Alert

Receive a tamper alert when the light sensor detects changes in ambient lighting.



Low Battery Alert

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



Strong Magnetic Base

Near-zero installation; the LL704 tightly and effortlessly fastens to most metal surfaces.



Multi-source Positioning

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



Long Service Life

Power the unit to work as long as 3 years with one location update per day.



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 82×42×20mm, making it suitable to be used in space-limited scenarios and for discreet installation.

Standard Configuration

Positioning & Location

Technology	GPS, BeiDou, WiFi, LBS
Accuracy	< 2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (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) Mode 1: Tracking mode Mode 2: Timing mode Mode 3: Week-based mode
Working modes	Mode 4: Alarm-based mode Mode 5: Phase-based mode
Battery life	30 days to 3 years

Operating environment

Operating temperature	-20°C to +70°C
Operating humidity	N/A
IP rating	IPX4

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	Light sensor
Scenarios	Low battery alert, Tamper alert, Geo-fence entry & exit alert
Bluetooth	N/A
RFID	N/A
Mount method	Magnetic or 3M double-sided adhesive tape
Configuration support	SMS, Tracksolid Pro, PC Tools
Certification	CE

Physical specification

Dimensions	82 × 42 × 24mm (with magnetic base)
Weight	101.6g (with magnetic base)

Standard Packing

LL704 unit	1
Magnetic base	1
3M double-side adhesive tape	1

Optional Configuration*

No magnetic base	A slimmer profile, reducing thickness from 24mm to 20mm.
O-ring	Enhanced water resistance, upgrading the IP rating from IPX4 to IPX5.

*Optional Configuration required to be customized or purchased separately.