



JM-LL01

LTE Cat M1 & NB2 Asset GNSS Tracker

The JM-LL01 is an LTE asset tracker with ultra-long standby time. Depending on reporting frequency, its low consumption internal battery can provide up to 3 years of working time on a single charge. The JM-LL01's strong magnetic base allows for effortless installation onto any metal surface, and a light sensor will be triggered and an alert sent once detachment occurs, helping users to feel totally assured that their assets are under constant protection.



PTCRB & AT&T certified



GPS & WiFi & LBS Positioning

A synergy of multiple positioning systems ensures the locations to be accurately displayed on cloud platform.



LTE Cat M1/NB2 & GSM

The device can receive and transmit data in the coverage of 4G and 2G network.



10,000mAh Rechargeable Battery

Allows ultra-long standby time, also the device can be redeployed after charging.



Tamper Alert

When light exposure is detected by light sensor, you'll get notified of device removal.



IP65 Dust and Water Resistance

Rugged and reliable design ensures stable operation in tough conditions.



Bluetooth Configuration

You can download a designated app and configure device's parameters on it.



Strong Magnetic Base

Can be attached on metallic surface tightly, you don't have to pay much time for installation.



Bluetooth Accessories Compatibility (Optional)

Work with Bluetooth accessories to meet your demands for different application scenarios.

Vehicle Rental



Fleet Management



Logistics



GNSS

Positioning system	GPS+WIFI+LBS
Frequency	L1
Positioning accuracy	<10 meters
Track sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤ 1sec Avg. cold start ≤ 40sec

Cellular

Communication network	LTE/EGPRS
Frequency	LTE CAT M1/NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28/B66 EGPRS: 850/900/1800/1900 MHz

Power

Battery	10,000mAh/3.7V industrial-grade Li-Polymer battery
Working modes	Mode 0: Standby mode Mode 1: Tracking mode Mode 2: Power-saving mode
Standby time	Up to 3 years in power-saving mode

Interface

LED indication	1 status indicator (Red), 4 battery indicators (Blue)
SIM	Standard-SIM
Data storage	32+32Mb
Tamper proof	Light sensor

Physical specification

Dimensions	109.0 x 61.0 x 30.5mm
Weight	297g

Operating environment

Operating temperature	-20°C to +70°C
Operating humidity	5%~95%, non-condensing
IP rating	IP65

Feature

Voice monitoring range	≤ 3 meters
Sensors	Accelerometer
Scenarios	Low battery alert, Tamper alert, Vibration alert, Over-speed alert, Cover removal alert, Power off alert, Geo-fence