Asset Management

Jimi IoT

LL301

LTE Cat 1 Asset GNSS Tracker



The LL301 is a 4G Cat 1 Asset GNSS Tracker that allows for ultra-long standby time via 10,000mAh large-capacity battery and durable housing. Featuring the multiple positioning systems and indoor & outdoor signal coverage, the device also supports instant alerts of atypical events like device removal, vibration, etc. We also offer the users remote monitoring of the target through our cloud platform and mobile APP, which is suitable for such application scenarios as vehicle rental, fleet management, logistics transportation, etc.



Logistics



Vehicle Rental



Fleet Management

GPS & BDS & 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.

10,000mAh Rechargeable Battery

High-capacity battery supports long standby applications, and is easily recharged for re-deployment.

Remote Listen-in (VoLTE)

Inconspicuous mic allows for remote audio monitoring of the environment around the device.

Multiple Alerts

Instant alerts for atypical events such as cover removal, device removal, abnormal vibration, low battery, etc.

Multiple Working Modes

Configurable working modes according to your actual demands.

Strong Magnetic Base

Near-zero installation; the LL301 tightly and effortlessly fastens to most metal surfaces.

Bluetooth Configuration

Fast and simple device configuration via app for iOS.

Jimi IoT Co., Ltd.
Official site: www.jimiiot.com Email: info@jimiiot.com

Standard Configuration

Positioning & Location

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

Cellular

Technology	LTE Cat 1, GSM
Frequency	LL301-E: LTE-FDD: B1/B3/B7/B8/B20/B28 GSM: 900/1800MHz LL301-L: LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 GSM: 850/900/1800/1900MHz

Power

Battery	10,000mAh/3.7V industrial-grade Li-Polymer battery (rechargeable)
Working modes	Mode 1: Timing mode Mode 2: Intelligent mode Mode 2: Power-saving mode
Battery life	7 days to 2 years

Interface

LED indication	Status (Red), Battery (Blue)
SIM	Micro-SIM
Memory capacity	1000 GPS data entries
Tamper proof	Pressure-sensitive button
USB	Micro USB
GNSS antenna	Internal
Bluetooth antenna	Internal

Feature

Voice monitoring range	⩽ 5m
Sensors	3-Axis accelerometer
Scenarios	Low battery alert, Tamper alert, Vibrating Alert, Cover removal alert, Power off alert, Geo-fence entry & exit alert, Temperature & humidity exception alert (optional)
Mount method	Magnet or straps
Bluetooth	BLE 5.0
RFID	N/A
Configuration support	Bluetooth, Tracksolid Pro, PC Tools, SMS
Certification	CE, FCC

Operating environment

Operating temperature	–20℃ to +70℃
Operating humidity	5% to 95%, non-condensing
IP rating	IPX5

Physical specification

Dimensions	108.5 x 61.1 x 30.0mm
Weight	260g

Standard Packing

LL301 unit	1
Charging cable	1
Magnetic base	1
Double-sided adhesive	1

Optional Configuration*

Casing	K0901 IP68 waterproof casing
Bluetooth sensor	K7800 environmental sensor

*Optional Configuration required to be customized or purchased separately.

* We reserve the right of final interpretation of this leaflet. All information is for reference only and is subject to change without further notice.