




## JimIoT JM-LL01 LTE Cat M1 and NB2 Asset GNSS Tracker Instructions

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# JimIoT

ASSRT MANAGEMENT





JM-LL01

<https://www.jimilab.com/products/jm-ll01-asset-tracker.html>

### LIE Cat M1 & NB2 Asset GNSS Tracker

The JM-LL01 is a LIE 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.



#### GPS & WiFi & LBS Positioning

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



#### 10,000mAh Rechargeable Battery

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



#### IP65 Dust and Water Resistance

The rugged and reliable design ensures stable operation in tough condition&



#### Strong Magnetic Base

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



#### LTE Cat M1 /NB2 & GSM

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



#### Tamper Alert

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



#### Bluetooth Configuration

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



#### Bluetooth Accessories Compatibility (Optional)

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

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## Vehicle Rental



## Fleet Management



## Logistics



## GNSS

|                         |   |
|-------------------------|---|
| Positioning system      | GPS+WiFi+LBS  |
| Frequency               | Li  |
| Positioning accuracy    | <10 meters  |
| Track sensitivity       | -165dBm   |
| Acquisition sensitivity | -148dBm   |
| TTFB                    | (open sky) Avg. hot start < 1sec<br>Avg cold start 440sec |

## Cellular

|                       |   |
|-----------------------|---|
| Communication network | UE/EGPRS  |
| Frequency             | LTE CAT M1 /NB2: B1<br>/132/133/134/B5/B8/B12/B13/B18/819/1320/B26/B28/6<br>66 EGPRS: 850/900/1800/1900 MHz |

## Power

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

## Interface

|                 |   |
|-----------------|---|
| LED inclination | 1 status Indicator (Red). 4 battery indicators (Blue) |
| SIM             | Standard-SIM  |
| Data storage    | 32+32Mb   |
| Tamper proof    | Light sensor  |

|                   |                              |
|-------------------|------------------------------|
| <b>Dimensions</b> | <b>109.0 x 61.0 x 30.5mm</b> |
| <b>Weight</b>     | <b>297g</b>                  |

## Physical specification


|                              |                    |
|------------------------------|--------------------|
| Operating <b>temperature</b> | <b>20t to +70C</b> |
| Operating humidity           | 596-9596. non-     |
| <b>IP rating</b>             | condensing P65     |

|                  |   |
|------------------|---|
| <b>Sensors</b>   | <b>Accelerometer</b>  |
| <b>Scenarios</b> | <b>low battery alert, Tamper alert, Vibration alert Over-speed alert Cover removal alert Pace( off alert Ge o-fence</b> |

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## Documents / Resources

|   |  |
|---|--|
|  | <p><a href="#">Jimilab JM-LL01 LTE Cat M1 and NB2 Asset GNSS Tracker</a> [pdf] Instructions</p> <p>JM-LL01, LTE Cat M1, NB2 Asset GNSS Tracker</p> |
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