



Jimi IoT LL701 Asset Management Terminal Owner's Manual

[Home](#) » [Jimi IoT](#) » Jimi IoT LL701 Asset Management Terminal Owner's Manual 

Jimi IoT

Contents

- [1 Jimi IoT LL701 Asset Management Terminal Owner's Manual](#)
- [2 Cellular](#)
- [3 Power](#)
- [4 Interface](#)
- [5 Physical specification](#)
- [6 Operating environment](#)
- [7 Feature](#)
- [8 Documents / Resources](#)

Jimi IoT LL701 Asset Management Terminal Owner's Manual



LL701

The LL701 is a Long-Standby Asset Tracker designed for the management of heavy-duty vehicles such as heavy trucks and construction vehicles. Using the CRI 23A battery allows for more availability and better portability, and the replaceable battery design can help fleet managers effectively reduce fleet maintenance costs. Depending on reporting frequency, its low consumption can provide up to 5 years of working time on 3 batteries while it also supports an external power supply for longer working life. In addition to these features the IP67 waterproof rating and the suite of event-triggered alerts will make the LL701 a perfect solution for non-real-time tracking of heavy-duty vehicles goods and other assets.





Ultra-Long Standby

Low location reporting frequency allows for standby times up to 5 years.



Tamper Alert

Receive a tamper alert when the light sensor detects device removal.



Replaceable Battery

CR123A battery offers the user much better portability and ease of installation.



External Power supported

Extend working life to make it suitable for more deployments in different industries.



Unpacking Alert

Light sensor will be triggered and send an alert when the package has been unpacked.



IP67 Dust & Water Resistance

Rugged design ensures continued optimal performance, even in the toughest conditions.



GNSS

Positioning system	GPS+QZSS, LBS assisted (optional)
Frequency	L1
Positioning accuracy	<2.5m CEP
Tracking sensitivity	-155dBm
Acquisition sensitivity	-145.5 dBm (cold) / -147.0 dBm (hot)
TTFF (open sky)	Avg. hot start < 1sec Avg. cold start < 36sec

Cellular

Communication network	LTE-M Cat-M1 & NB/NB2
Frequency	Cat-M1: B1, B2, B3, B4, B5, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B66 Cat-NB1/NB2: B1, B2, B3, B4, B5, B8, B12, B13, B17, B19, B20, B25, B26, B28, B66

Power

Battery	CR123A Lithium Battery
Working modes	Mode 1: Power-saving mode Mode 2: Regular GPS mode Mode 3: Power-off mode
Standby time	Up to 5 years (one GPS fix per day)

Interface

LED indication	GNSS (Blue), Cellular (Green), Power (Red)
SIM	Micro-SIM
Tamper proof	Light sensor

Physical specification

Dimensions	110.2 x 53.0 x 34.5mm
Weight	84.8g (without battery)

Operating environment

Operating temperature	-20℃ to +60℃
IP rating	IP67

Feature


Sensors	Light sensor, accelerometer
Bluetooth	Support BLE 5.0 protocol
Geo-fence	GNSS/Wi-Fi/Bluetooth
Scenarios	Tamper alert, Installation alert, Geo-fence entry/exit alert, Unpacking alert

We reserve the right of final Interpretation of this leaflet. All Information Is for reference only and Is subject to change without further notice.

Jimi IoT Co., Ltd.
Web: www.jimilab.com Email: info@jimilab.com

Read More About This Manual & Download PDF:

Documents / Resources

	<p>Jimi IoT LL701 Asset Management Terminal [pdf] Owner's Manual LL701 Asset Management Terminal, LL701, Asset Management Terminal, Management Terminal, Terminal</p>
--	---