



JM-LG05

Ultra-thin Package GNSS Tracker

The JM-LG05 is an asset tracker specifically designed for logistics and shipping. Its built-in light sensor can detect the opening of a box or shipping container, and will send alerts immediately in this event. Due to its ultra-thin size, internal 2,500mAh battery capacity, and configurable tracking modes, the LG05 fits easily inside packaging containers, giving you 24/7 visibility into the location of your shipment.



GPS & LBS Positioning

Two complementary positioning systems ensure the locations to be accurately displayed on cloud platform.



2,500mAh Rechargeable Battery

Ensures moderate standby time, also the device can be redeployed after charging.



Multiple Tracking Modes

Configurable tracking modes according to your actual demands.



Ultra-thin Body

8mm thickness allows you to put this device into small package.



Unpacking Alert

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



Multiple Alerts

Instant alerts of typical events such as low battery, geo-fence, etc.

Package



Carton



Commodity



GNSS

Positioning system	GPS+WIFI+LBS
Frequency	L1
Positioning accuracy	<2.5m CEP
Track sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤45sec

Cellular

Communication network	GSM
Frequency	Quad-band 850/900/1800/1900 MHz

Power

Battery	2,500mAh/3.7V industrial-grade Li-Polymer battery
Working modes	Mode 1: Tracking mode Mode 2: Powersaving mode
Standby time	Up to 1 year in power-saving mode

Interface

LED indication	1 power indicator (Green), 1 status indicator (Red/Blue)
SIM	Nano-SIM
Data storage	32+32Mb
Tamper proof	Light sensor

Physical specification

Dimensions	110.0 x 61.0 x 8.0mm
Weight	76g

Operating environment

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

Feature

Voice monitoring range	≤3 meters
Sensors	Accelerometer, Light sensor
Scenarios	Low battery alert, Unpacking alert