Jimi IoT

JM-LG01
Portable Asset GNSS Tracker

JM-LG01 is an asset tracking solution that allows you to locate, monitor and optimize your non-powered assets. With a battery life of up to 3 years (WiFi position only), you can stick it on just about anything you want to keep track of.

GPS & WiFi & LBS Positioning
A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.

Intelligent Power Management
Automatically adjust the working status for saving power without affecting normal functioning.

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

IPX5 Water Resistance
Rugged design ensures continued optimal performance, even in the toughest conditions.

2,800mAh Disposable Battery
Special processing of disposable battery enables a relatively longer lifespan.

Strong Magnetic Mount
Near-zero installation; the LG01 tightly and effortlessly fastens to most metal surfaces.

Car Rental	Auto Finance	Car Mortgage

GNSS

Positioning system	GPS+WiFi+LBS
Frequency	L1
Positioning accuracy	＜2.5m CEP
Track sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

Cellular

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

Power

Battery	2,800mAh/3.0V industrial-grade Li-Manganese battery
Working modes	Mode 1: Tracking mode Mode 2: Power-Saving mode Mode 3: Week-based mode Mode 4: Alarm-based mode
Standby time	Up to 3 years (one fix per day)

Interface

LED indication	1 working status indicator (Red)
SIM	Micro-SIM
Data storage	32+32Mb
Tamper proof	Light sensor

Physical specification

Dimensions	82.0 x 42.0 x 20.0mm
Weight	72g

Operating environment

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

Feature

Sensors	Accelerometer, Light sensor
Scenarios	Low battery alert, Tamper alert, Geo-fence