



LG300

Asset GNSS Tracker

The LG300 is a 2G wireless tracker designed to handle industrial and commercial applications ranging from rental agencies and fleet management to freight transportation and more. Featuring multiple positioning systems and a high-capacity battery, the LG300 is ideal for persistent tracking of vehicles or cargo, and the device also supports remote monitoring of your assets via SMS or network.



GPS & BDS & LBS Positioning

A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.



Multiple Working Modes

Configurable working modes according to your actual demands.



Low Battery Alert

Users'll be alerted when the remaining battery power of the device falls below 20%.



Tamper Alert

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



Sound-Triggered Alert

The device can send an alarm and automatically turn on audio recording after detecting noise.



Remote Audio Recording

Audio recording can be activated through the platform on demand.



Remote Update

Support updating the device firmware via the delta over-the-air update (OTA).



10,050mAh Rechargeable Battery

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

Vehicle Rental



Logistics



Fleet Management



GNSS

Positioning system	GPS+BDS+LBS
Positioning accuracy	<2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start ≤1sec Avg. cold start ≤32sec

Cellular

Communication network	GSM
Frequency	B2/B3/B5/B8

Power

Battery	10,050mAh/3.7V industrial-grade Li-Polymer battery
Working modes	Mode 1: Regular GPS mode Mode 2: Tracking mode

Interface

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

Physical specification

Dimensions	86.0 x 63.0 x 31.5mm
Weight	245g

Operating environment

Operating temperature	-20 C to +70 C
Operating humidity	5%~95%, non-condensing
IP rating	IP66

Feature

Sensors	3-axis Accelerometer
Scenarios	Low battery alert, Tamper alert, Sound-triggered alert