



# 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).



### 10,000mAh 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	10,000mAh/3.7V industrial-grade Li-Polymer battery
Working modes	Mode 1: Timing mode Mode 2: Intelligent 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