



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

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|-----------------------|-------------|
| Communication network | GSM |
| Frequency | B2/B3/B5/B8 |

Power

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|---------------|--|
| Battery | 10,000mAh/3.7V industrial-grade LI-Polymer battery |
| Working modes | Mode 1: Regular GPS mode Mode 2: Tracking mode |

Interface

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

Physical specification

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|------------|----------------------|
| Dimensions | 86.0 x 63.0 x 31.5mm |
| Weight | 245g |

Operating environment

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|-----------------------|------------------------|
| 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 |