



GL300A

Battery powered real-time monitoring tracker with long standby time

Weight | 375g



Dimensions | 74mm(L) × 34.5mm(W) × 151mm(H)



Temperature | -20°C ~ +60°C



Battery | Li-Polymer, 15000 mAh

Standby Time:

Without Reporting (Connected to network with GPS off)		190 Days
1 Min Reporting (Locate every 20s,GPS on)		10 Days
5 Min Reporting		65 Days
10Min Reporting		95 Days

- No Installation Required
- Water Resistant
- Magnet Mounting (Optional)
- 190 Days Standby Time
- 1 Minute Reporting
- Rechargeable Internal Battery
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Motion Detection
- Removal Alarm
- Light Monitoring
- Temperature/Humidity Monitoring

The GL300A is a battery powered GPS tracker that includes multiple working modes allowing frequent reports over longer timeframes. Ideal for use in the logistics and transportation sectors. The product has two built-in light sensors and one internal temperature/humidity sensor, thus is capable of continuously monitoring its environment.



GL300A

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Mounting Method
Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GPS receiver	Autonomous: < 2.5m	No installation required, or magnet mounting (optional)

Appearance



Interfaces

Power Button	Used for start-up only Press at power-on to light up the battery indicator
GSM Antenna	Internal only
GPS Antennas	2 internal antennas at front and rear
LED Indicators	GSM, GPS, PWR (battery status)
MMCX Interface	For optional external GPS antenna
Micro USB Interface	Used for battery charging Charged by cigar lighter: 5V, 0.5A~2A Charged by adapter: 12V, 2A

Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status based on preset time intervals, distance, mileage or a combination of these settings
Motion Detection	Motion detection based on internal 3-axis accelerometer
Removal Alarm (Optional)	Based on internal light sensor (for magnet-mounted version only)
Environmental Light Monitoring (Optional)	Based on internal light sensor and preset optical density value
Temperature & Humidity Measurement (Optional)	Based on internal temperature & humidity sensor