

GL300 Series (LTE)

LTE Cat M1/NB1 GNSS trackers with a user-friendly panic button for personal safety management and asset monitoring applications

- 93g | 39.9mm(L) × 26.7mm(W) × 77.9mm(H)
- 20°C ~ +55°C | Li-Polymer, 2600 mAh

Standby Time:

Without Reporting		480 Hours
5 Min Reporting		260 Hours
10 Min Reporting		300 Hours

- Rapid Installation
- SOS Emergency Button
- Water Resistant
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Motion Detection
- Ignition Detection
- Vibration Feedback
- Low Power Alarm

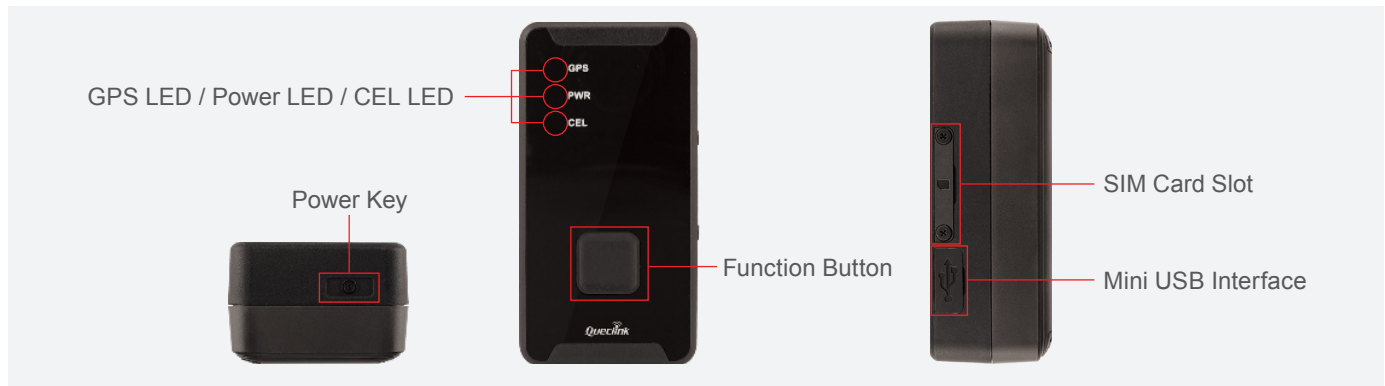
The GL300 series (LTE) includes three GNSS asset trackers that are designed for lone worker, vehicle, pet and asset tracking applications. The ergonomically designed button makes the series ideal for applications requiring rapid emergency alert or instant geo-fencing based on current location. The series supports LTE Cat M1/NB1 on multiple bands for operation in America, Europe, and Oceania with a fallback to GPRS.



GL300 Series Models (LTE)

	Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GL300MA	North America	LTE eMTC/NB-IoT LTE B2/B4/B5/B12/B13	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	PTCRB/FCC/ Verizon/AT&T
GL300ME	Europe	LTE eMTC/NB-IoT/EGPRS LTE B3/B8/B20 EGPRS 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	
GL300MB	Oceania and Brazil	LTE eMTC/NB-IoT/EGPRS LTE B3/B28 EGPRS 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	

Appearance



Interfaces

Digital Inputs	1 positive trigger input for ignition detection 1 negative trigger input for normal use
Power Button	Power on and power off, can be disabled via air interface protocol
Function Button with Vibration Feedback	Emergency alert or instant geo-fence setting
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS, PWR
Mini USB Interface	Used for external power and configuration

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
Geo-fences	Support up to 20 geo-fence regions
Low Power Alarm	Alarm when battery is low
Power On/Off Report	Report when the device is powered on and off
SOS/Emergency Alarm	SOS alarm via pressing function button
Special Alarm	Special alarm based on digital inputs
Motion Detection	Motion alarm based on internal 3-axis accelerometer