



GL300 Series (LTE)

LTE CAT-M1 (eMTC)/ CAT-M2 (NB-IoT) 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		400 Hours
5 Min Reporting		140 Hours
10 Min Reporting		180 Hours

Rapid Installation

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 two LTE CAT-M1 (eMTC)/ LTE CAT-M2 (NB-IoT) 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.



Lone Worker Safety



Asset Monitoring



Stolen Vehicle Recovery

GL300 Series Models (LTE)

	Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GL300MA	North America	LTE eMTC/NB-IoT LTE B2/B4/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 900/1800 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/E-Mark

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