



Rapid Installation

SOS Emergency Button

Water Resistant

OTA Control

Scheduled Timing Report

Geo-fences

Motion Detection

Ignition Detection

Vibration Feedback

Low Power Alarm

Use with Animal Collars

GL300

User friendly water resistant GNSS tracker with a panic button ideal for personal safety management and asset monitoring applications

60g	38.5mm(L) × 23.5mm(W) × 68.5mm(H)
-20°C ~ +55°C	Li-Polymer, 1300 mAh

Standby Time:

Without Reporting		280 Hours
5 Min Reporting		120 Hours
10 Min Reporting		190 Hours

The water resistant GL300 is an asset tracker designed for lone worker, vehicle, pet and asset tracking applications. The ergonomically designed button makes the GL300 ideal for applications requiring rapid emergency alert or instant geo-fencing based on current location.



GL300

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/FCC

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
GSM 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 5 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