





















GL500 Series (LTE)

LTE Cat M1/NB1 waterproof GNSS trackers with up to 7 years standby time

 140g 160g (magnetic case mounting version)	 87mm(L)×51mm(W)×30mm(H) 87mm(L)×51mm(W)×33.5mm(H) (magnetic case mounting version)
 -25°C ~ +60°C	 3 CR123A lithium batteries, 1400 mAh

Standby Time:

1 Report/ Day (GNSS on)		5 Years
1 Report/ Day (Cell ID Only)		7 Years

-  Rapid & Covert Installation
-  7 Years Standby Time
-  OTA Control
-  Scheduled Timing Report
-  Geo-fences
-  Waterproof
-  Vibration Feedback
-  Low Power Alarm
-  Wakeup Report
-  Motion Detection
-  Automatic Mode Switching
-  Temperature Monitoring
-  Tamper Detection
-  Magnetic mounting (Optional)

GL500 series (LTE) includes three waterproof GNSS trackers that feature an up to 7 years standby time powered by internal batteries. The series is ideal for a range of tracking applications that require real-time monitoring on temperature and light. GL500 series (LTE) supports LTE Cat M1/NB1 network on multiple bands for operation in America, Europe, and Oceania with a fallback to GPRS.



Cold Chain



Asset Monitoring



Pharmaceutical Transportation

GL500 Series Models (LTE)

	Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GL500MA	North America	LTE eMTC/NB-IoT LTE B2/B4/B5/B12/B13	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/PTCRB AT&T/Verizon
GL500ME	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	
GL500MB	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

Power Button	Used for power on/off and switch of device working mode
LTE Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	GNSS, PWR

Air Interface Protocol

Command Set	@Track protocol command
Transmit Protocol	TCP, UDP, SMS
Working Modes	Power saving mode for long standby time Continuous mode for emergency tracking
Scheduled Timing Report	Report position and status at preset time intervals
Geo-fences	Support up to 5 internal geo-fence regions
Low Power Alarm	Alarm when internal battery is low
Wakeup Report	Report when the device wakes up
Motion Detection	Motion detection based on internal 3-axis accelerometer
Reporting Frequency Adjustment	Intelligent adjustment of reporting frequency