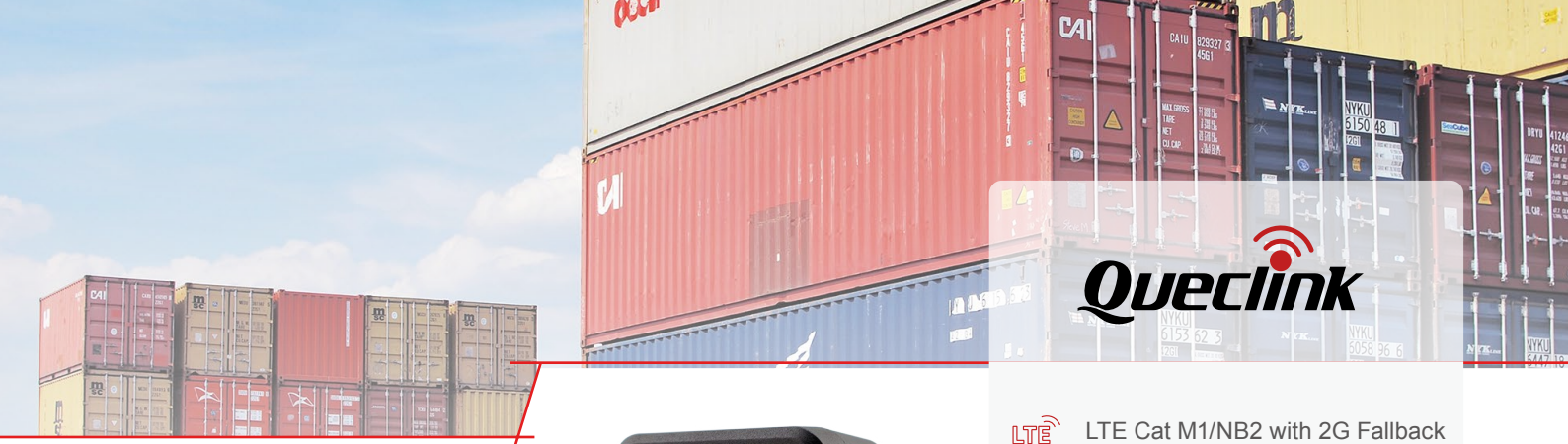




GL520MG

LTE Cat M1/NB2 waterproof GNSS tracker with up to 7 years standby time

140g (4.94oz) 160g (5.64oz) (magnetic case mounting version)	87 × 51 × 30mm 3.43''(L) × 2.01''(W) × 1.18''(H) 87 × 51 × 33.5mm 3.43''(L) × 2.01''(W) × 1.32''(H) (magnetic case mounting version)
-20℃ ~ +60℃	3 CR123A lithium batteries, 1400 mAh

***Standby Time:**

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

- LTE Cat M1/NB2 with 2G Fallback
- *BLE 5.0 (Optional)
- 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)
- Use with Animal Collars
- Up to 10,000 Buffer Messages
- *Support Queclink SVR protocol (Optional)

The GL520MG is an easy-to-deploy asset tracker built on Queclink's innovative power management technology. It lasts for up to seven years and features one of the longest battery lives among devices of its size in the market. The built-in light sensors make the product sensitive to tamper attempts and its waterproof design allows it to be used in harsh environments. With internal temperature and light sensors, the product is ideal for a wide range of environmental monitoring applications such as cold chain logistics, warehouse management, cargo trucking, high-value static asset monitoring and more. The GL520MG supports several mounting alternatives which use unique clip on design to securely attach the device to any asset.

Cold Chain



Asset Monitoring



Pharmaceutical Transportation



GL520MG

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	Cat M1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85 Cat NB2: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85 EGPRS: 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE, FCC

Appearance



Interfaces

Power Button	Used for power on/off and working status checking
LTE Antenna	Internal only
GNSS Antenna	Internal only
*BLE Antenna (Optioinal)	Internal only
LED Indicators	GNSS, Status

Air Interface Protocol

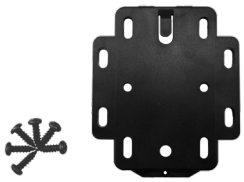
Command Set	@Track protocol command
Transmit Protocol	TCP, UDP, SMS
Working Modes	Power saving mode for long standby time
Continuous mode for emergency tracking	Report position and status at preset time intervals
Scheduled Timing Report	Report position and status at preset time intervals
Geo-fences	Support up to 20 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
*Support SVR protocol (Optional)	Support stolen vehicle recovery function base on BLE 5.0

Accessories



GL500M Magnetic Mounting Bracket

It's used for mounting GL500 and GL501 LTE series



GL500M Mounting Bracket

It's used for mounting GL500 and GL501 LTE series



GL500M Battery Pack

Lithium Battery Pack 1400mAh 9V 12.6Wh 3-Cells



WTH301

BLE temperature and humidity sensor