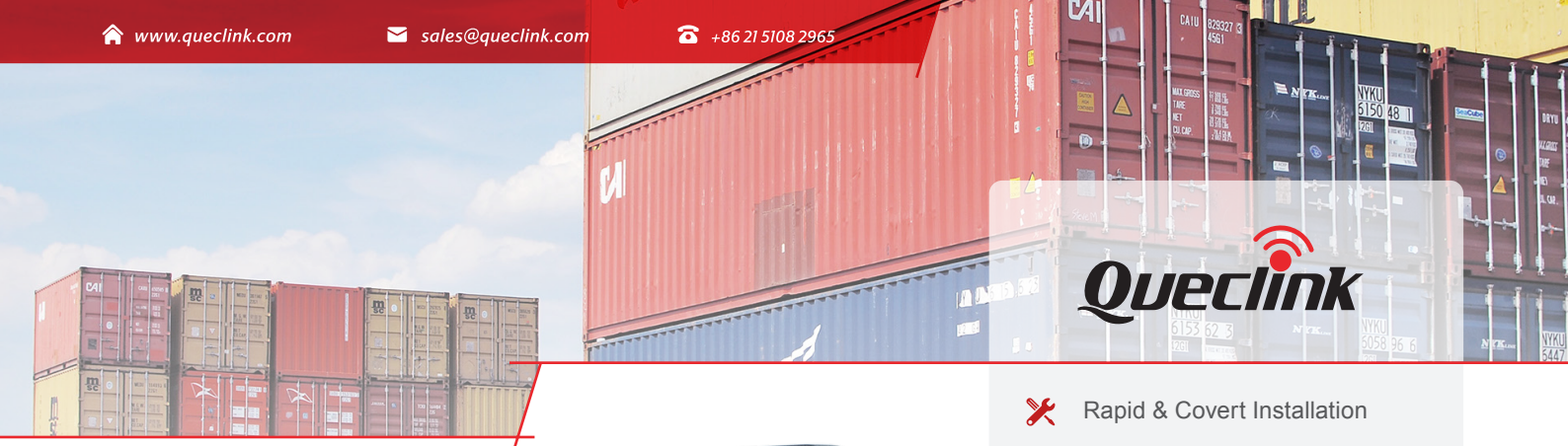
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Queclink



GL521MG

LTE Cat M1/NB2 waterproof GNSS tracker supporting BLE 5.2 with up to 1 year standby time

150g (5.29oz) 170g (6.0oz) (magnet-mounted 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℃	Li-Polymer 3.7V/2400 mAH

Standby Time:

1 Report/ Day — 1 year

- Rapid & Covert Installation
- 1 Year Standby Time
- BLE 5.2
- Supports Wireless Charging
- OTA Control
- Scheduled Timing Report
- Geo-fences
- IP67 Waterproof
- Vibration Feedback
- Low Power Alarm
- Wakeup Report
- Motion Detection
- Automatic Mode Switching
- Temperature Monitoring
- Tamper Detection
- Magnetic mounting (Optional)
- Use with Animal Collars

The GL521MG is derived from our successful GL500MG by supporting NB2 and adding Qi wireless charging and BLE. Our customers love the battery-powered GL500MG but still wanted a rechargeable version for certain scenarios. We designed this version without impacting the waterproof and robust enclosure. Adding BLE allows connectivity to diverse wireless accessories. 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 GL521MG supports several mounting alternatives which use unique clip on design to securely attach the device to any asset.

Asset Monitoring



Lot Management



Pharmaceutical Transportation



GL521MG

Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	LTE Cat M1/NB2: 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/ Verizon

Appearance



Interfaces

Power Button	Used for power on/off and working status checking
LTE Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicators	GNSS, CEL

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 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

LIMITED LIABILITY NOTICE

Using unapproved chargers with Queclink products may cause harm to the product and may result in battery failure, even risk of severe heat, and burst. Queclink, its distributors, and affiliates shall not bear the burden of responsibility for any damages as described here above. By using a third-party charger, you assume all responsibility for any risk, harm, and or injury.