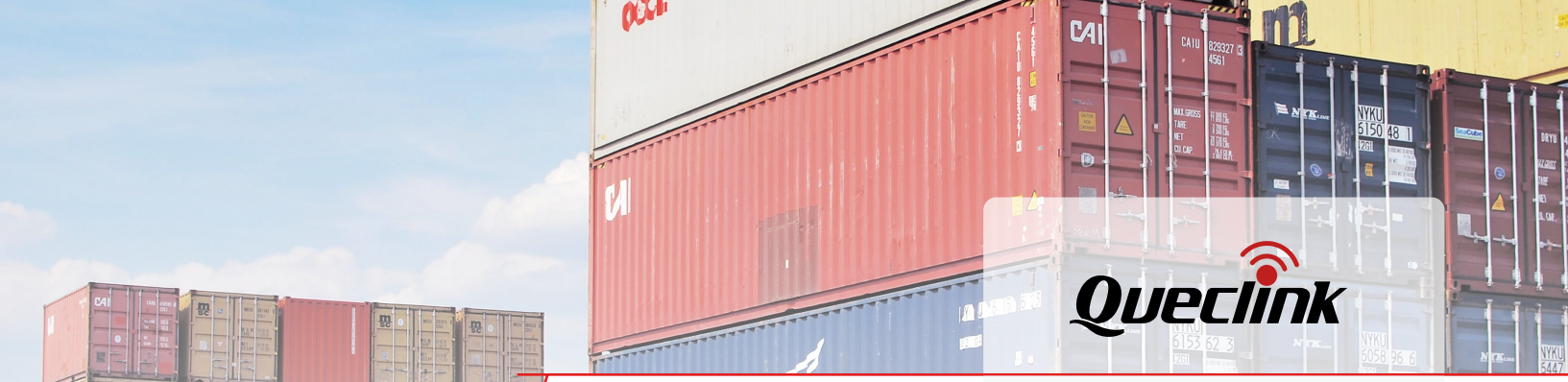




GL53MG

LTE Cat M1/NB2 waterproof standby asset GNSS tracker supporting BLE 5.2 with up to 3-year standby time

78g (2.75oz)	64.6 × 51.0 × 20.9mm 2.54” (L) ×2.00” (W) × 0.82” (H)
-20°C ~ +60°C	Lithium manganese dioxide battery, 2400mAh

***Standby Time**:

1 Report/Day	Up to 3 years
4 Reports/Day	Up to 300 days
5 Min Reporting	Up to 5 days

- LTE Cat M1/NB2 with 2G Fallback
- Micro Size
- Covert Installation
- 3 Years Standby Time
- BLE 5.2
- IP67 compliant
- Power Saving Mode
- Continuous Mode
- Automatic Mode Switching
- Dual Mode Anti-theft Alarm
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Low Power Alarm
- Wakeup Report
- Motion Detection
- Up to 10,000 Buffer Messages

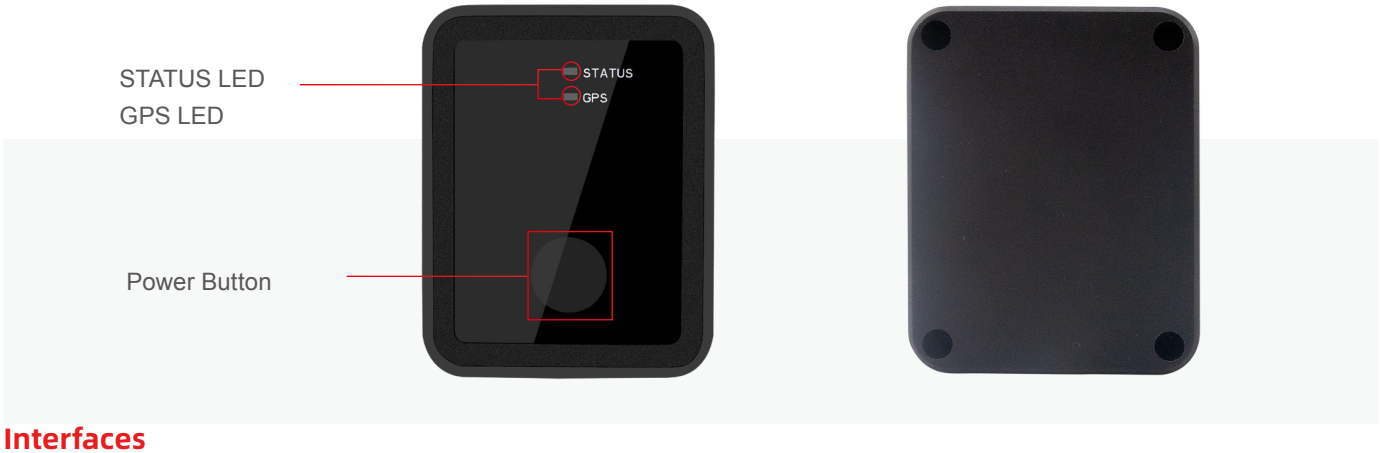
The GL53MG is the upgraded LTE Cat M1/NB2 version of GL50MG. It integrates the latest low-power wide area network standards and covers a broader area, making it more flexible to deploy. Adding a programmable button makes it ideal for applications requiring rapid emergency alert or checking status of device. Its built-in BLE allows connectivity to diverse wireless accessories. Micro-sized waterproof design allows it to be used in harsh environments. The GL53MG is an ideal product for SVR application requiring LTE technology. In addition, it is also used for a wide range of applications including auto financing, asset monitoring, car rental and leasing and more.



GL53MG

Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)
Worldwide	LTE Cat M1/NB2 Cat M1: LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B14/ B18/B19/B20/B25/B27/B28/B66/B85 Cat NB2: LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/ B19/B20/B25/B28/B66/B85 EGPRS: 850/900/1800/1900MHz	All-in-One Receiver	Autonomous: < 2.0m

Appearance



Interfaces

Power Button	Used for power on/off and working status checking
Cellular Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
SIM Access	Internal only (3FF SIM)
LED Indicators	Status, GNSS

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	Wake up at preset intervals
Motion Detection	Motion detection based on internal 3-axis accelerometer
Reporting Frequency Adjustment	Intelligent adjustment of reporting frequency

Accessories

	**GL53MG UART Cable** It is used for configuration Model: GL53MG UART Cable 0.5M
	**GL53MG USB Cable** It is used for firmware upgrade Model: GL53MG USB Cable 0.5M

Configuration and Upgrade Cable

	**USB Cable 0.5M** It is used for firmware upgrade.
	**UART Cable 0.5M** It is used for configuration.