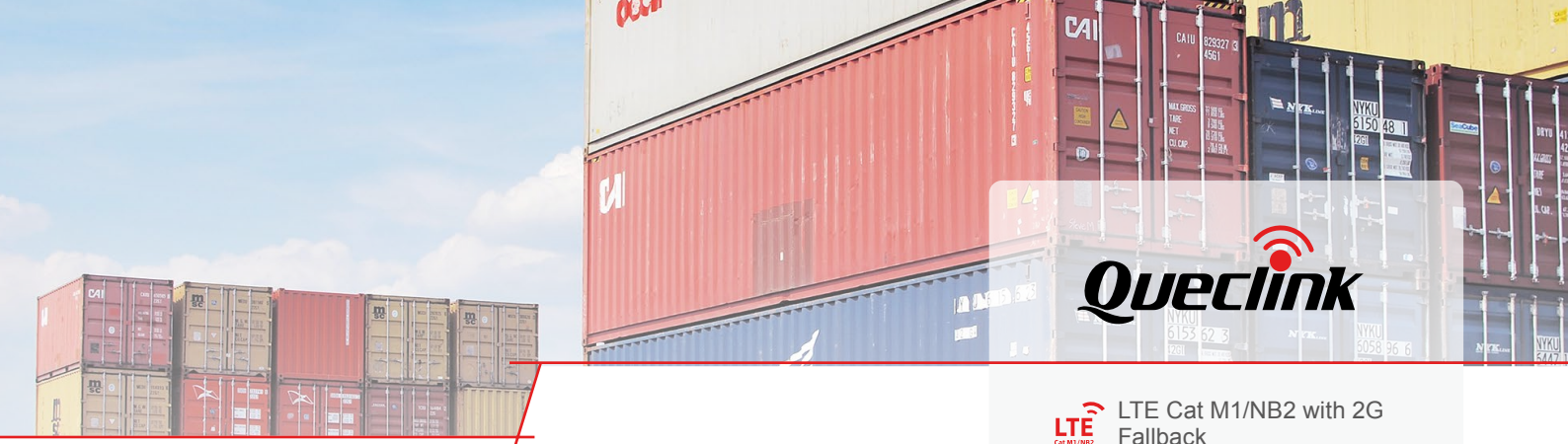


Queclink



GL53MG Plus

LTE Cat M1/NB2 waterproof standby asset GNSS tracker supporting BLE 5.2 with up to 4-year standby time

93.5g(3.29oz) (Estimated)	64.6 × 51.0 × 28.3mm 2.54” (L) ×2.00” (W) × 1.07” (H)
-20℃ ~ +60℃	Lithium manganese dioxide battery, 4400mAh

- LTE Cat M1/NB2 with 2G Fallback
- Micro Size
- Covert Installation
- 4 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

***Standby Time**:

1 Report/Day	Up to 4 years
4 Reports/Day	Up to 480 days
5 Min Reporting	Up to 16 days

The GL53MG Plus 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 Plus 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.

Asset Monitoring



Stolen Vehicle Recovery



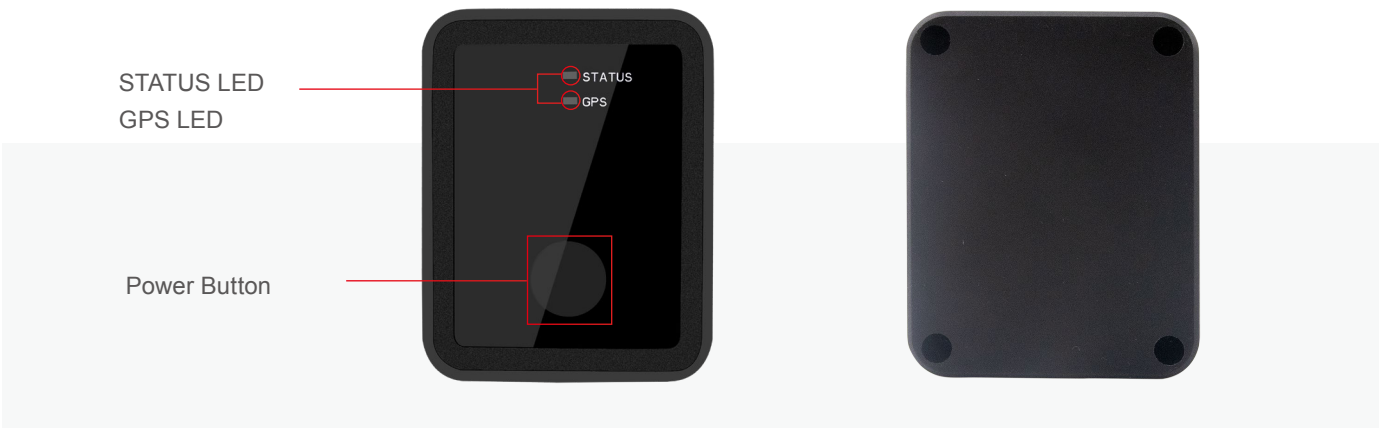
Automobile Finance



GL53MG Plus

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

*Note:
1. The standby time is estimated under the condition of operating with LTE CAT M1/NB-IoT and the CSQ is greater than 15, working at a constant ambient temperature of 25°C and reporting once a day without any sensors.
2. The battery life estimation is based on LTE CAT M1/NB-IoT Connectivity and may be influenced by several factors such as network coverage, report sent interval, ambient temperature, sensors' setting, peripherals, installation location and orientation, etc. If you're interested in power consumption calculation of our device, please contact with our sales or FAE to get more information.

Configuration and Upgrade Cable

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