

Tracking Hardware UK



LTE Cat M1/NB2 LTE Cat M1/NB2 with 2G Fallback

- Covert Installation
- OTA Control
- Scheduled Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Tow Alarm
- Power on Report
- AES-256 Encryption
- Up to 10,000 Buffer Messages

GV53MG

LTE Cat M1/NB2 compact GNSS tracker for wide ranging light duty applications

| 95g (3.35oz)

| 87×55×12.5mm
3.43”(L) × 2.17”(W) × 0.49”(H)

| -30°C ~ +80°C

| Operating Voltage: 8V to 32V DC
Li-Polymer, 190 mAh

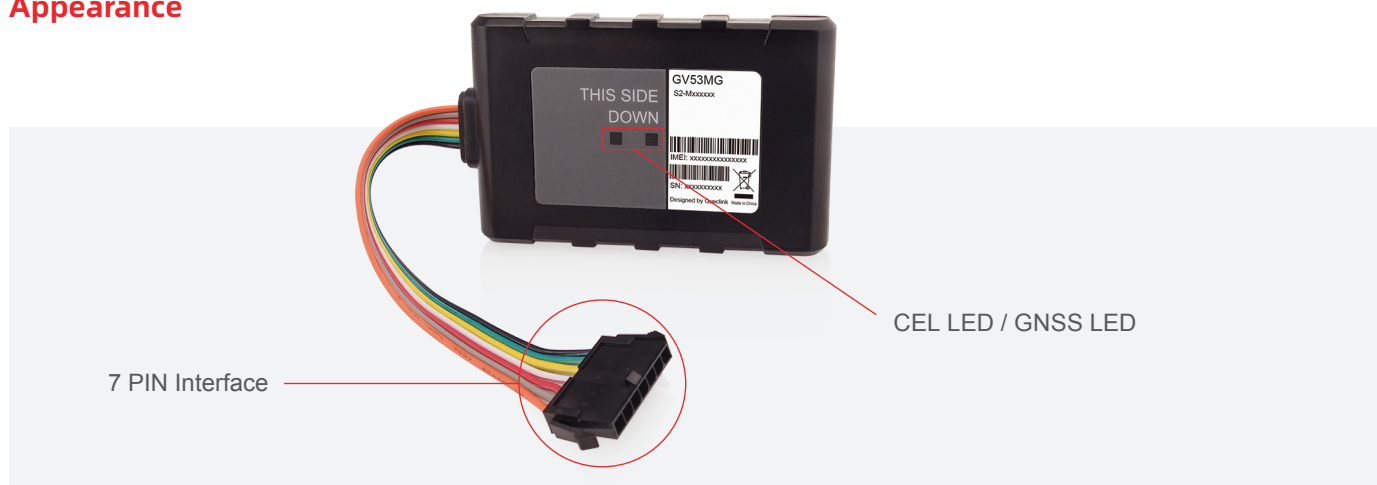
The GV53MG is the upgraded LTE Cat M1/NB2 version of GV50MG. It integrates the latest low-power wide area network standards and covers a broader area, making it more flexible to deploy. It is a compact, ultra-thin product allowing covert and easy installation. The product offers basic digital I/Os that can be used for ignition detection and vehicle control. An extra configurable I/O enables flexible applications. The GV53MG supports AES-256 encryption to secure business-critical data, guard against unauthorized access and ensure data integrity. The product is designed for various use cases such as auto financing, buy here pay here (BHPH), car rental and leasing, basic fleet management and stolen vehicle recovery.



GV53MG

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/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	TBD

Appearance



Interfaces

Digital Input	1 positive trigger input for ignition detection
Digital Output	1 digital output, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a negative trigger digital input or an open drain output with 150 mA max drive current
Serial Port	1 TTL UART port for upgrading and debugging
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS

Accessories



GV53MG Configuration Kit

This Kit is used for configuration of GV53MG

Parts list:

Power_Supply_12V_US_DCJACK

GV50LTA USB to TIL configuration cable

Model: GV50LTA Upgrade Kit



GV53MG Upgrade Tool

It is used for configuration of GV53MG

Model: GV53MG_Upgrade_tool