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GV57MG Plus

LTE Cat M1/NB2 waterproof GNSS tracker for equipment monitoring

- LTE Cat M1/NB2 with 2G Fallback
- IP67 Waterproof
- Compact Size
- Covert Installation
- BLE 5.1
- Zero Power Consumption
- I/O Interfaces
- Ultra-low Consumption in Sleep Mode
- OTA Control
- Scheduled Report
- Geo-fences
- External Power Monitoring
- Speed Alarm
- SOS Alarm
- Tow Alarm
- Virtual Ignition Detection
- Driving Behavior Monitoring
- Power on Report
- Up to 10,000 Buffer Messages

137g

84 x 50 x 26.6mm
3.31”(L) × 1.97”(W) × 1.05”(H)

-30°C ~ +80°C

Operating Voltage: 8V ~ 32V DC
Backup Battery: Li-Polymer, 3.7V, 1400mAh

Standby Time:

5 minutes' reporting:	220 hours
10 minutes' reporting:	255 hours
1 Report/Day:	200 days

The GV57 series features an IP67 waterproof case, and the G57MG Plus is an enhanced version of the GV57MG with a large battery, particularly designed for equipment monitoring. Queclink's zero-consumption technology ensures that the tracker does not draw power from the idle equipment, thereby avoiding a flat battery. Furthermore, GV57MG Plus supports ultra-low consumption in sleep mode when it comes to long standby time use scenario. The product is an ideal fit for stolen vehicle recovery, equipment monitoring, and other tracking applications.

GV57MG PLUS

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Global	LTE Cat M1/NB2 Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B27/B28/B66/B85 Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85 GSM: 850/900/1800/1900 MHz	All-in-one Receiver	Autonomous: < 2m	CE, FCC

Appearance

Interfaces

Digital Input	1 x positive trigger input for ignition detection and other application 1 x negative trigger input
Digital Output	1 x digital output, open drain, 150 mA max drive current
Cellular Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicators	CEL, GNSS
Micro USB Interface	Used for upgrading and debugging

*Note:
1. The standby time is estimated under the condition of operating with LTE CAT M1 and the CSQ is greater than 15, working at a constant ambient temperature of 25°C, where GNSS signal is strong enough and under open sky.
2. The battery life estimation is based on LTE CAT M1 Connectivity and may be influenced by several factors such as network coverage, 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

GV57MG Plus

GV500M Download Cable 1M

It is used for firmware upgrade.

Data_Cable_MC5

It is used for configuration.