



- Ruggedized Case
- BLE 5.0
- IP67 Waterproof
- Multiple I/O Interfaces
- 1-wire Interface
- RS232 Port
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Low Power Alarm
- Power on Report
- Fuel Level Monitoring
- Support Temperature Sensor

GV620MG

LTE Cat M1/NB2 rechargeable waterproof tracking device supporting BLE 5.0 with 120 days standby time designed for trailer , tanker and flatbed truck applications

320g (11.29 oz)	138 × 66 × 38mm 5.43''(L) × 2.60''(W) × 1.50''(H)
Operating Temperature -30°C ~ +80°C Charging Temperature +10°C ~ +45°C	Operating Voltage: 8V to 32V DC Li-ion, 3.7V, 5800 mAh, 18650 battery pack

Standby Time: (15 Min Online per Day)
1 Report/Day 120 Days

The GV620MG is an LTE product specifically designed for heavy duty vehicles applications including trailer, tanker, reefer and flatbed trucks. Its ruggedized waterproof design ensures the product is reliable when installed in a harsh environments commonly found in heavy transportation such as fuel and chemical transportation. The GV620MG can work up to 4 months without external power making it ideal for tracking trailers even when disconnected. It's wide range of pre-integrated wired and wireless accessories provided by Queclink or our carefully selected partners allow our customers to apply it in various fleet industries. Additionally, this product supports dual power sources when mounted on refrigerated trailers and the serial interface is designed for integration with refrigeration unit protocols.



GV620MG Models

Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	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: 850/900/1800/1900MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2m	CE/FCC

Multiple Interfaces



Digital Input	1 positive trigger input for ignition detection
Analog Input	1 analog input (0V-32V)
1-wire Interface	Support 1-wire temperature sensor
Power Output	1 power output (3.3V)
Digital Inputs/Outputs	4 negative trigger inputs for normal use, or 4 open drain outputs 150mA max drive current
Serial Port	1 RS232 port
Cellular Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicators	CEL, GNSS, PWR
Connector	18 pin waterproof connector