



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
2x18650 Li-ion battery, 3.7V, 5800mAH

Standby Time: (15 Min Online per Day)

1 Report/Day // 120 Days

- 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

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.

Trailer Tracking



Flatbed Truck Tracking



Tanker Tracking



GV620MG

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

Accessories



GV600W Mounting Bracket

Iron bracket with screws for GV600 series installation
Parts list:
Mounting braket x1
Serrated flange nuts x4
Flat head crews x4



WKF300

BLE key fob for continuously detecting the on-board status of the device



Ultrasonic Fuel Sensor UFS300

Ultra Sonic Fuel Sensor
Operating voltage: 9V-36V DC
Measurement range: 5cm - 100cm
Level accuracy: ±0.5%
IP rating: IP66 (detector)
Output interface:
- RS232 Interface: Baud rate: 19200



iButton Kit without AC100

Used for driver ID identification (Dallas keys)
Parts list: iButton reader x 1pc; 1-wire interface
iButton (with handle) x 2pcs
Cable length: AC100 1M; iButton reader 18cm



iButton

iButton with handle (Dallas keys)
Be used with iButton reader



WMS301

BLE door sensor with temperature and humidity monitoring function



WTH301

BLE temperature and humidity sensor

Debug Cable



GV600 Upgrade Kit

This kit includes the data cable and power supply. It is used for firmware upgrade and configuration.
Parts list:
Power_Supply_12V_US_DCJACK
GV600 Series USB to TTL configuration cable