



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

Operating Voltage: 8V to 32V DC 2x18650 Li-ion battery, 3.7V, 5800mAH

Charging Temperature +10°C ~ +45°C

1 Report/Day

Standby Time: (15 Min Online per 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.



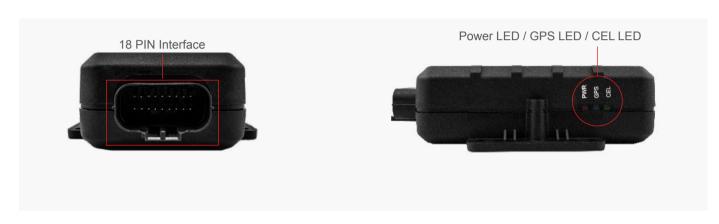




GV620MG

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	Digital Input 1 positive trigger input for ignition detection	
Analog Input	1 analog input (0V-32V)	
1-wire Interface	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 Mounting braket x1 Serrated flange nuts x4



WKF300

Flat head crews x4

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 monitorina 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