



## 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

	<p><b>GV600W Mounting Bracket</b></p> <p>Iron bracket with screws for GV600 series installation</p> <p>Parts list:</p> <p>Mounting bracket x1</p> <p>Serrated flange nuts x4</p> <p>Flat head screws x4</p>
	<p><b>WKF300</b></p> <p>BLE key fob for continuously detecting the on-board status of the device</p>
	<p><b>Ultrasonic Fuel Sensor UFS300</b></p> <p>Ultra Sonic Fuel Sensor</p> <p>Operating voltage: 9V-36V DC</p> <p>Measurement range: 5cm - 100cm</p> <p>Level accuracy: <math>\pm 0.5\%</math></p> <p>IP rating: IP66 (detector)</p> <p>Output interface:</p> <p>- RS232 Interface: Baud rate: 19200</p>
	<p><b>iButton Kit without AC100</b></p> <p>Used for driver ID identification (Dallas keys)</p> <p>Parts list: iButton reader x 1 pc; 1-wire interface iButton (with handle) x 2 pcs</p> <p>Cable length: AC100 1M; iButton reader 18cm</p>
	<p><b>iButton</b></p> <p>iButton with handle (Dallas keys)</p> <p>Be used with iButton reader</p>
	<p><b>WMS301</b></p> <p>BLE door sensor with temperature and humidity monitoring function</p>
	<p><b>WTH301</b></p> <p>BLE temperature and humidity sensor</p>

## Debug Cable

	<p><b>GV600 Upgrade Kit</b></p> <p>This kit includes the data cable and power supply. It is used for firmware upgrade and configuration.</p> <p>Parts list:</p> <p>Power_Supply_12V_US_DCJACK</p> <p>GV600 Series USB to TTL configuration cable</p>
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