



LTE Cat 1 | LTE Cat 1 with 2G Fallback

BLE 5.2

Multiple I/O Interfaces

RS232 Serial Port

RS485 Serial Port

1-wire interface

Geo-fences

Tow Alarm

Crash Detection

Driving Behavior Monitoring

OTA Control

Fuel Level Monitoring

Temperature Monitoring

Driver Identification

GV305CEU

Versatile LTE Vehicle Tracker with BLE and Multiple Interfaces

Weight | 92g

Dimensions | 94(L) × 58.5(W) × 21(H)mm

Temperature Range | -30°C to +70°C

Power | Operating Voltage: 8V to 32V DC
Li-Polymer, 250 mAh

The GV305CEU is a versatile LTE Cat 1 vehicle tracker ideal for fleet management with GNSS connectivity. With multiple interfaces, the device supports a wide range of pre-integrated accessories either of Queclink or from our selected partners via RS232 or RS485 serial ports, providing additional functions such as fuel level monitoring and driver identification. Its built-in BLE allows connectivity to diverse wireless accessories such as BLE beacons and temperature monitoring sensors.



Fleet Management



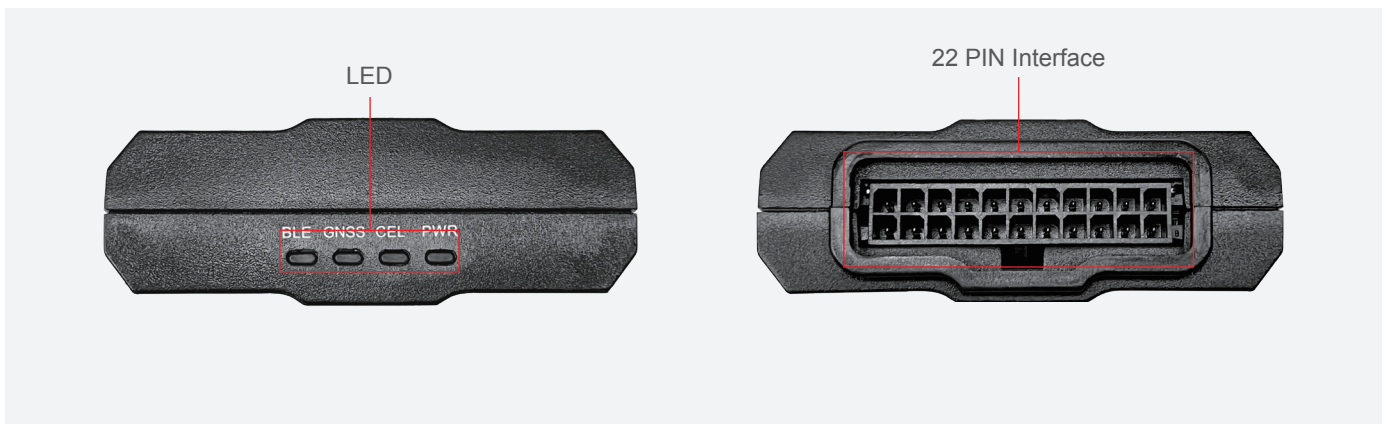
Transportation Monitoring



Cold Chain

GV305CEU

| Region | Operating Band | GNSS Type | Position Accuracy (CEP) | Certificate |
|--------|--|------------------------------------|-------------------------|-------------|
| EMEA | LTE Cat 1 LTE-FDD: B1/B3/B7/B8/B20/B28 EGPRS: 900/1800 MHz | u-blox All-in-one GNSS Receiver | Autonomous: < 2m | CE/E-Mark |

Multiple Interfaces

| | |
|------------------------|---|
| Digital Inputs | 1 positive trigger input for ignition detection 4 negative trigger inputs |
| Analog Inputs | 2 analog input (0V-16V) , 1 analog input(0-30V) |
| Digital Outputs | 6 digital output |
| Latched Digital Output | 1 digital output with internal latch circuit, open drain, 150 mA max drive current |
| Serial Port | 1 RS232 serial port on 22 pin Molex type connector, for external devices. 1 RS485 serial port on 22 pin Molex type connector, for external devices |
| Cellular Antenna | Internal only |
| GNSS Antenna | Internal antenna |
| BLE Antenna | Internal only |
| LED Indicators | Cellular network, GNSS, Power status, BLE status |
| Mini USB Interface | Used for configuration, upgrade and debug |
| One Wire interface | VDD, DATA for one wire |