Queclink
WIRELESS SOLUTIONS

- Multiple I/O Interfaces
- RS232 Serial Port
- Two-way Audio Interfaces
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Low Power Alarm
- Power On Report
- Antenna Disconnect Alarm
- Garmin FMI Support
- Crash Detection (GV300)
- Driving Behavior Monitoring
- Tow Alarm
- Fuel Level Monitoring
- Support Temperature Sensor
- Driver ID Identify

GV300 Series

Compact GNSS trackers with multiple interfaces suitable for a wide range of vehicles

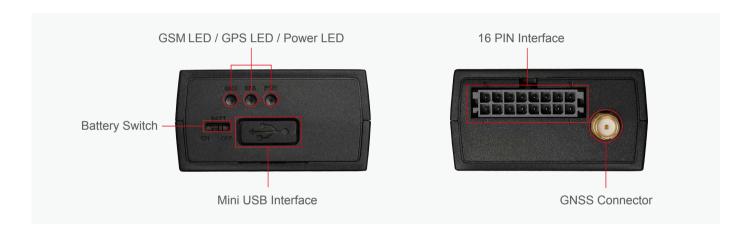|			
72g		80mm(L) × 48mm(W) × 25mm(H)	
-30°C ~ +80°C (GV300) -30°C ~ +70°C (GV300W)		Operating Voltage: 8V to 32V DC Li-Polymer, 250 mAh	

The GV300 series includes two models designed for light duty vehicle applications. The series features multiple interfaces including one RS232 serial port, one smart input, a two-way audio interface, etc. to support a wide variety of external accessories.

📍 Fleet Management

📍 Cold Chain

📍 Transportation Monitoring

GV300 Series Models

	Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV300	Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GPS receiver	Autonomous: < 2.5m	CE/FCC/E-Mark/ANATEL
GV300W	Worldwide	UMTS 850/1900/2100 MHz GSM 850/900/1800/1900 MHz	u-blox All-in-One GPS receiver	Autonomous: < 2.5m	CE/FCC/E-Mark

Multiple Interfaces

GSM LED / GPS LED / Power LED

16 PIN Interface

Battery Switch

Mini USB Interface

GNSS Connector

Digital Inputs	1 positive trigger input for ignition detection 2 negative trigger inputs for normal use
Digital Outputs	2 digital outputs, open drain, 150 mA max drive current
Latched Digital Output	1 digital output with internal latch circuit, open drain, 150 mA max drive current
Configurable Input	1 special input can be configured as a negative trigger digital input or an analog input (0V-16V)
Analog Input	1 analog input (0.3V-16V)
Serial Port	1 RS232 serial port on 16 pin molex type connector, for external devices (GARMIN protocol support)
Two-way Audio Interfaces	2 differential outputs 1 single end input
Cellular Antenna	Internal only
GNSS Antenna	Internal antenna and optional external antenna
LED Indicators	CEL, GNSS, PWR
Mini USB Interface	Used for upgrading and debugging