



- Covert Installation
- Cost Effective
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Crash Detection
- Driving Behavior Monitoring
- Tow Alarm
- Power On Alarm
- BLE 4.0 (Optional)

GV50 Series (LTE)

Cost effective mini LTE CAT-M1 (eMTC)/ CAT-M2 (NB-IoT) GNSS tracking devices with Bluetooth for wide ranging light duty applications

| 50g

| 87mm(L) × 55mm(W) × 12.5mm(H)

| -30°C ~ +80°C

| Operating Voltage: 8V to 32V DC
Li-Polymer, 190 mAh

The GV50 Series (LTE) is a range of GNSS trackers designed for a wide variety of simple vehicle tracking applications, including vehicle finance asset protection, stolen vehicle recovery and simple fleet management. Vehicle trackers within the series support LTE CAT-M1 (eMTC)/ LTE CAT-M2 (NB-IoT) on many bands suitable for North American and European Cellular Operators. The GV50 Series offers Bluetooth Low Energy 4.0 and basic digital I/Os that can be used for monitoring or controlling external peripherals.



GV50 Series Models (LTE)

	Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV50MA	North America	LTE eMTC/NB-IoT LTE B2/B4/B12/B13	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/Verizon
GV50ME	Europe	LTE eMTC/NB-IoT/ EGPRS LTE B3/B8/B20 EGPRS 900/1800 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/E-Mark

Appearance



Interfaces

Digital Input	1 positive trigger input for ignition detection
Digital Output	1 digital output, open drain, 150 mA max drive current
Configurable Input/Output	1 special I/O can be configured as a negative trigger digital input or an open drain output with 150 mA max drive current
serial port	1 TTL UART port for upgrading and debugging
Cellular Antenna	Internal only
GNSS Antenna	Internal only
Bluetooth Antenna (Optional)	Internal only
LED Indicators	CEL, GNSS