



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

GV50 Series (LTE)

Cost effective mini LTE Cat M1/NB1 GNSS tracking devices for wide ranging light duty applications

| 1.76oz (50g)

| 3.43"(L) × 2.17"(W) × 0.49"(H)
(87× 55 × 12.5mm)

| -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/NB1 on multiple bands for operation globally with a fallback to EGPRS. The GV50 Series offers basic digital I/Os that can be used for monitoring or controlling external peripherals.



GV50 Series Models (LTE)

Region	Sub Model	Certificate	Network/Operating Band	GNSS Type	Position Accuracy (CEP)
North America	GV50MA	FCC/Verizon	Cat M1/Cat NB1: LTE FDD: B1/B2/B3/B4/B5/B8/ B12/B13/B18/	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m
	GV50MG_S	FCC/Sprint	B19/B20/B25*/B28 LTE TDD: B39 (For Cat M1 Only)		
Worldwide	GV50MG	FCC/Verizon/CE/E-Mark (Planned)	EGPRS: 850/900/1800/1900MHz		

* B25 is supported on GV50MG_S.

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
LED Indicators	CEL, GNSS