













-  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/ B19/B20/B25*/B28	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m
	GV50MG_S	FCC/Sprint	LTE TDD: B39 (For Cat M1 Only) EGPRS: 850/900/1800/1900MHz		
Worldwide	GV50MG	FCC/Verizon/CE/E-Mark (Planned)			

* 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

Accessories



GV50LTA Upgrade Kit

This Kit includes the data cable and power supply. It is used for configuration, firmware upgrading and debugging

Parts list:

Power_Supply_12V_US_DCJACK

GV50LTA USB to TTL configuration cable