

The GV350M is a compact GPS tracker designed for a wide variety of vehicle tracking applications. It has multiple I/O interfaces that can be used for monitoring or controlling external devices. Its built-in GPS receiver has superior sensitivity and fast time to first fix. Its triple band WCDMA subsystem allow the GV350M's location to be monitored in real time or periodically tracked by a backend server and mobile devices.



## GV300 Series Fleet Management

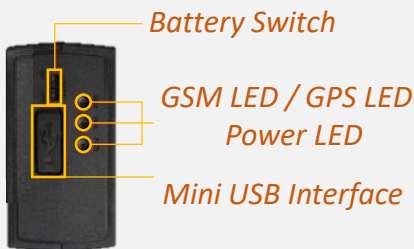


Network Operating Band for North America: LTE eMTC/NB-IoT  
 LTE B2/B4/B5/B12/B13








The GV350M series (LTE) includes three models of GNSS tracking devices with multiple interfaces including two RS232 serial ports and a 1-wire interface, etc.








GNSS Type: u-blox All-in-One Receiver

### Features:



- Wide operating voltage range 8V to 32V DC
- U-blox All-in-One receiver
- Low power consumption, long standby time with internal battery
- Embedded full featured @Track protocol
- Multiple I/O interfaces for monitoring and control
- Operating Voltage: 8V to 32V DC  
 LI-Polymer, 250 mAh
- Temperature sensor: -30°C ~ +80°C
- Position accuracy (CEP): Autonomous: <2.5m
- Certificate: FCC/Verizon

-  75g
-  80mm(L) x 48mm(W) x 25mm(H)
-  Multiple I/O Interfaces
-  1-wire Interface
-  2 RS232 Serial Ports
-  J1939 Bus Port
-  OTA Control

-  Scheduled Timing Report
-  Geo-Fences
-  Crash Detection
-  Driving Behavior Monitoring
-  Support Temperature Sensor
-  Tow Alarm
-  Fuel Level Monitoring

	REGION	NETWORK/OPERATING BAND	GNSS Type	CERTIFICATE
<b>GV300W</b>	Global	UMTS/HSDPA 850 (Band V)/1900 (Band II)/2100 (Band I) MHz and quad band GSM/GPRS 850/900/1800/1900 MHz	u-blox All-in-One GPS receiver	CE/FCC/E-Mark
<b>GV350MA</b>	North America	LTE eMTC/NB-IoT LTE B2/B4/B5/B12/B13	u-blox All-in-One receiver	FCC/Verizon
<b>GV350MG</b>	Global	Cat M1/Cat NB1: LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25*/B28 LTE-TDD: B39(for Cat.M1only)	u-blox All-in-One receiver	FCC/Verizon/CE/ E-Mark

**Digital Inputs:**

- 1 positive trigger input for ignition detection
- 3 negative trigger inputs for normal use

**Digital Output:**

- 1 digital output, 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 / Output:**

- 1 special I/O can be configured as a 0V-32V analogue input or an open drain output with 150 mA max drive current

**Serial Ports:**

- 2 RS232 serial ports on 16 pin Molex type connector, for external devices

**CAN Bus Interface**

- CAN 2.0A/B, SAE J1939

**1-Wire Interface**

- Support 1-wire temperature sensor (maximum 8 channels)



**Cellular Antenna:**

- Internal Only

**GNSS Antenna:**

- Internal antenna and optional external antenna

**Bluetooth Antenna (Optional):**

- Internal Only

**LED Indicators:**

- CEL, GNSS, PWR

**Mini USB Interface:**

- Used for Upgrading and debugging