















-  Compact Size
-  Plug and Play
-  OBDII Connectivity
-  BLE 4.2
-  Scheduled Timing Report
-  Geo-fences
-  Crash Detection
-  Motion Detection
-  Driving Behavior Monitoring
-  Low Power Alarm
-  Power On Report
-  Tow Alarm


GV500 Series (LTE)

LTE Cat M1/NB1 easy install dongle trackers with BLE designed for insurance, car leasing and real-time monitoring applications

 | 58g

 | 49.49mm(L) x 48.5mm(W) x 21.9mm(H)

 | -30°C ~ +80°C

 | Operating Voltage: 8V to 32V DC
Li-Polymer, 60 mAh

The GV500 series (LTE) includes three compact dongle devices that plug into a vehicle's OBDII port allowing easy installation for customers. All the models within the series support BLE 4.2 that is used for data transmission. The series supports LTE Cat M1/NB1 network on multiple bands for operation in America, Europe, and Oceania with a fallback to GPRS.



GV500 Series Models (LTE)

	Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV500MA	North America	LTE eMTC/NB-IoT LTE B2/B4/B5/B12/B13	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/ Verizon
GV500ME	Europe	LTE eMTC/NB-IoT/ EGPRS LTE B3/B8/B20 EGPRS 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	
GV500MB	Oceania and Brazil	LTE eMTC/NB-IoT/ EGPRS LTE B3/B28 EGPRS 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	

Interfaces



OBDII Port	Provide device power
Cellular Antenna	Internal only
GNSS Antenna	Internal only
BLE Antenna	Internal only
LED Indicators	CEL, GNSS
Micro USB Interface	Used for upgrading and debugging