















-  Compact Size
-  Plug and Play
-  OBDII Connectivity
-  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 designed for insurance, car leasing and real-time monitoring applications

 | 2.05oz (58g)

 | 1.95"(L) x 1.91"(W) x 0.86"(H)  
(49.49 x 48.5 x 21.9mm)

 | -30°C ~ +80°C

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

The GV500 series (LTE) includes two compact dongle devices that plug into a vehicle's OBDII port allowing easy installation for customers. The series supports LTE Cat M1/NB1 network on multiple bands for operation globally with a fallback to EGPRS.



### GV500 Series Models (LTE)

Region	Sub Model	Certificate	Network/Operating Band	GNSS Type	Position Accuracy (CEP)
North America	GV500MA	FCC/Verizon/AT&T	Cat M1/Cat NB1: LTE FDD: B1/B2/B3/B4/ B5/B8/B12/B13/B18/ B19/B20/B25*/B28 LTE TDD: B39 (For Cat M1 Only)	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m
Worldwide	GV500MG	FCC/Verizon/Sprint (Planned)	EGPRS: 850/900/1800/1900MHz		

### Interfaces



OBDII Port	Provide device power
Cellular Antenna	Internal only
GNSS Antenna	2 internal GNSS antennas, use the one with better signal automatically
LED Indicators	CEL, GNSS
Micro USB Interface	Used for upgrading and debugging

## Accessories



### USB to UART Cable

Model: Data\_Cable\_MC5  
5 pin to Micro USB connector  
It is used for configuration



### GV500M Series Download Cable

Model: GV500M\_Download\_Cable\_1M  
It is used for firmware upgrade Cable Length:  
1M