

















-  Compact Size
-  Plug and Play
-  OBDII Connectivity
-  Scheduled Report
-  Geo-fences
-  Crash Detection
-  Motion Detection
-  Driving Behavior Monitoring
-  Tow Alarm
-  Power On Report
-  BLE 4.2
-  Up to 10,000 Buffer Messages


GV500MGP

LTE Cat M1/NB1 plug-in OBDII tracker with BLE designed for car and light truck tracking, breakdown assistance, dealer lot management and new driver monitoring

 | 58g (2.05oz)

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

 | -30°C ~ +80°C

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

The GV500MGP is a compact LTE product developed with OBDII port plug and play installation. Its unique auto tuning of GPS antenna design ensures best-in-class GPS performance for applications including light truck tracking, breakdown assistance, dealer lot management and new driver monitoring. Widely validated in the US domestic vehicle market, the GV500MGP supports reliable standard vehicle data gathering of VIN, odometer and diagnostic trouble code (DTC) for vehicle maintenance applications.



GV500MGP

Region	Network/Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
Worldwide	Cat M1/Cat NB1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/ B13/B18/ B19/B20/B25/B28 EGPRS: 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/FCC/Verizon

Interfaces



OBDII Port	Provide device power
	Allow information to be read from OBDII port Support legislated OBDII protocols:ISO 15765 and J1939
Cellular Antenna	Internal only
GNSS Antenna	2 internal GNSS antennas, use the one with better signal automatically
BLE Antenna	Internal only
LED Indicators	CEL, GNSS
Micro USB Interface	Used for upgrading and debugging

Accessories



OBD Extend Cable

Model: OBD_Extend_Cable
16Pin OBDII extension cable for GV500
Cable length: 1.5m



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