



GV500MAP

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

- ✂️ 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

The GV500MAP 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 GV500MAP supports reliable standard vehicle data gathering of VIN , odometer and also diagnostic trouble codes (DTC) for vehicle maintenance applications.



GV500MAP

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
North America	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/AT&T

Interfaces

OBDII Port	For external power source
	Allow information to be read from OBDII port Support legislated OBDII protocols:ISO 15765 Support vehicles manufactured after 2008 and offered for sale in the US
Cellular Antenna	Internal only
GNSS Antenna	2 internal GNSS antennas, use the one with better signal automatically
BLE Antenna	Internal only
LED Indicators	CELL, 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



OBD_Extend_Cable

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