

# Tracking Hardware UK



## 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