

















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


GV500MA

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

 | 58g (2.05oz)

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

 | -30°C ~ +80°C

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

The GV500MA is a compact dongle device that plugs into a vehicle's OBDII port allowing easy installation for customers. The device supports LTE Cat M1/NB1 network on multiple bands with a fallback to EGPRS for operation in North America.



GV500MA

Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate ^②
Worldwide	Cat M1/Cat NB1: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/ B13/B18/B19/B20/B25/B28 EGPRS: 850/900/1800/1900MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/Verizon/PTCRB

Interfaces



OBDI Port	For external power source
Cellular Antenna	Internal only
GNSS Antenna	2 internal GNSS antennas, use the one with better signal automatically
BLE Antenna ^①	Internal only ^①
LED Indicators	CELL, GNSS
Micro USB Interface	Used for upgrading and debugging

^① Optional

^② The certificates are **not** valid for the BLE version currently.