
















-  OBDII connectivity, easy to install
-  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

GV500 OBD Series (LTE)

LTE Cat M1/NB1 easy install OBD trackers with BLE designed for insurance, car leasing and real-time monitoring applications

Weight | 58g

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

Temperature | -30°C ~ +80°C

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

The GV500 OBD series (LTE) a range of OBD devices that plug into a vehicle's OBDII port allowing easy installation for customers. All the models within the series support BLE 4.2 that is used for data transmission. The series supports LTE Cat M1/ NB1 network on multiple bands for operation globally with a fallback to EGPRS.



GV500 OBD Series Models (LTE)

Region	Sub Model	Certificate	Network/Operating Band	GNSS Type	Position Accuracy (CEP)
North America	GV500MAP	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	GV500MGP	FCC/Verizon/Sprint (Planned)	EGPRS: 850/900/1800/1900MHz		

Interfaces



OBDII Port	For external power source
	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



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