



GPS Trackit | Miles Ahead

GEO OBD LTE CAT-M 88 Series

LTE Cat.M1 & Cat.NB1 & EGPRS Fallback Vehicle Tracking

Wireless Engine Diagnostics in a small footprint.

The **GEO OBD 88 Series** is a ground breaking evolution in telematics applications. It delivers the capability to monitor and act upon engine diagnostics information in real time in addition to a robust set of vehicle tracking features.

Using industry standard CAN bus protocols, the **GEO OBD 88 Series** can be quickly and safely installed on a variety of vehicles.

Key Features

Wireless Engine Diagnostics can be utilized to implement:

- Proactive vehicle maintenance
- Fuel efficiency monitoring
- Driver behavior detection
- OBD, J1939



Presenting the **GEO OBD 88 Series** vehicle tracking system. The **GEO OBD 88 Series** represents a fresh approach in telematics engineering with a highly integrated, feature packed solution in a small footprint. The **GEO OBD 88 Series** employs enhanced technology for improved GPS performance and dramatically reduced TTFF (time to first fix)

With an industry leading cost-down architecture, the **GEO OBD 88 Series** outclasses competing devices many times its size and cost with a robust feature set including state-of-the-art vehicle locating functions as well as vehicle diagnostics capability.

For more information please contact your **GPS Trackit** representative or visit our website.

Physical Information

L x W x H: 2.55 in x 1.92 in x 1.02 in
Housing: ABS
Weight: 45 grams

GPS/A-GPS Functionality

GPS/GLONASS/BeiDou/Galileo/QZSS
Cold start @open sky
Autonomous 31 s
XTRA enabled 11.54 s

Warm start @open sky
Autonomous 21 s
XTRA enabled 2.52 s

Hot start @open sky
Autonomous 2.7 s
XTRA enabled 1.82 s

Data

Cat M1: Max. 375Kbps (DL), Max. 375Kbps (UL)
Cat NB1: Max. 32Kbps (DL), Max. 70Kbps (UL)
EDGE: Max. 296Kbps (DL), Max. 236.8Kbps (UL)
GPRS: Max. 107Kbps (DL), Max. 85.6Kbps (UL)

Application Interface

Host Protocols: AT Commands,
UDP/API
TCP/API

GSM Functionality

GSM SMS: PDU,MO/MT
SMS Cell Broadcast

Electrical

8V to 24V
300mAh Li-Ion polymer

200uA Sleep Mode
2mA Snooze Mode (Network On)
30mA Active Mode (Network + GPS On)

Environment

Operating: -10°C to 60°C
Storage: -40°C to 85°C (Except Battery)
Humidity: 90% non condensing

Band Operation

"LTE FDD: B2/B4/B12
Quad-Band GSM/GPRS/EDGE
850/900/1800/1900MHz"

Special Features

Wireless Firmware Updates
Internal Antennas
Internal Battery
Locking Connector
Accelerometer

SIMCard / Interface / IO

Internal 3V SIM (Form Factor 4FF)
OBD Connector
J1939, CAN, OBD II