



OBD DATASHEET

Plug & Play OBDII Tracker(LTE CAT 1/GSM/GPRS/GNSS)

4G OBD II tracker specially designed for vehicles. Its compact design and OBD port allow for easy installation in almost any car with an OBD interface. Offering reliable connectivity and precise tracking, it's an excellent choice for personal vehicle theft prevention, fleet management, and usage-based insurance (UBI).

With LTE (4G) communication and GSM (2G) fallback, 4G OBD ensures a stable connection in virtually all situations. Its GPS+BDS positioning system delivers accurate location data, keeping you informed about your vehicle's movements and status. You'll know exactly where your vehicle has been, where it's headed, and how fast it's traveling, ensuring enhanced security and effective management.

**LTE & GSM Network**

Communication via 4G LTE networks with 2G GSM fallback.

**Plug and Play**

Easy to install : Simply plug this device into the the OBD II port.

**BDS+GPS+LBS positioning**

Allow the location to be pinpointed in real time or periodically

**Ignition Detection**

Constantly detect the ACC/ignition status of the vehicle.

**Multiple alarms**

Instant alert for vibration, overspeed, geo-fence, etc.

**Driving Behavior Analysis**

Receive alerts when dangerous driving behavior is detected.

**Plug out alarm**

Alarm triggered if it is plugged out from the car.

**BLE 5.0 supported(Optional)**

BLE 5.0 for accessories, such as Temperature & Humidity sensor, Fuel sensor.

GNSS

Frequency	BDS B1, 1561.098MHz GPS L1, 1575.42MHz
Positioning accuracy	<2.5m(CEP50)
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg.hot start ≤ 3sec Avg.cold start ≤ 32sec

Cellular

LA	LTE FDD: B2/B3/B4/B5/B7/B8/B28/B66 GSM: B2/B3/B5/B8
EU	LTE FDD: B1/B3/B5/B7/B8/B20 GSM: B3/B8
Eurasia	FDD: B1/B3/B7/B8/B20/B28 GSM: B3/B8

Power

Input Voltage range	9-36V DC
Battery	110 mAh/3.7V Li-Polymer battery
Power Consumption	At 12V<3 mAh(Online Sleep) At 12V<60 mAh(Normal)

Interface

GNSS Antenna	Internal High Gain
Cellular Antenna	Internal 4G+GSM High Gain
LED Indication	3 status LED lights
SIM	Nano-SIM
Memory Capacity	Storage of 3000 GPS data entries

Features

Sensors	Accelerometer
Alarms	Over Speeding alarm, Vibration alarm, Power failure alarm, Low battery alarm, Displacement alarm, Violent driving alarm, Sharp turn alarm, etc.
Sleep modes	OnlineSleep Normal
Commands	GPRS+SMS Configuration
Time Synchronization	GNSS + Server

Operating environment

Operating Temperature	-20 °C to +70 °C
Storage Temperature	-30 °C to +80 °C
Operating Humidity	5% to 95% non-condensing

Thank You

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