



# AX100 LTE-M OBD Tracker



## The optimal solution for enhancing vehicle management

The AX100 is an easy-installation, live GPS tracker that snaps into the OBDII port of your vehicles. It boasts an extensive list of features, including battery management reminders, shake and impact sensing, along with idle, ignition, towing, and various other perceptual functions.

### Features

- LTE Cat. M connectivity
- A lightweight product that doesn't take up space
- Installing the device is straightforward
- Easily identifiable indicator lights
- Sturdy protective casing for enhanced product durability

### Ordering Information

Model	Version	Region	Package
AX100-MGCXD-AT02	Standard	Global	Bulk

## Specifications

### CELLULAR

AX100-MG (Global)	LTE FDD Cat.M1 B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B85
Data Support	UDP / IP, TCP / IP, SMS
Antenna	Embedded cellular antenna

### GNSS

Receiver Type	33 Tracking channels 99 Acquisition channels
Location Technology	GPS & GLONASS
SBAS Support	WAAS, EGNOS, GAGAN, MSAS
Tracking Sensitivity	-167dBm
Acquisition Sensitivity	-149dBm
Location Accuracy	2.5m CEP 50%
Antenna	Internal

### INPUTS/OUTPUTS

LED Indicators	3 LEDs (Power, Cellular, GPS)
Buzzer	>70dB @ 10cm

### SENSORS

Accelerometer	3-axis $\pm 16g$
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### ELECTRICAL

Operating Voltage	Vehicle 12V / 24V system
Current Consumption	Operating: 100mA @ 12V Deep Sleep: 3.3mA @ 12V
Backup Battery	3.7V 250mAh

### MEMORY

Internal Flash Memory	16 Megabits
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### ENVIRONMENTAL

Operating Temperature	-40°C to +60°C (connected to primary power) -20°C to +60°C (operating on internal battery)
Humidity	95%RH @ 50° C non-condensing
Vibration/Shock	MIL-STD-810G, SAE J1455

### PHYSICAL

Dimension	66.8 mm × 50mm × 23mm (2.62" x 1.96" x 0.90")
Weight	50g (0.11lb)
Enclosure	Flame Retardant ABS+PC

### CONNECTORS

OBDII connector	SAE J1962 (OBD2)
SIM Card Socket	Nano SIM (4FF)
Configuration Interface	Micro USB connector

### DEVICE MANAGEMENT

Configuration	ADM(ATrack Device Management), SMS, USB Cable
Firmware Update	ADM(ATrack Device Management), FOTA, USB Cable

### CERTIFICATIONS

Standards	FCC, IC, PTCRB, RoHS
Carriers	AT&T, Verizon