

FEATURES

- » 4G LTE
 - CAT M1: 2/4/12
 - CAT 1: 2/4/5/12/25/26
- » GPS
- » OBDII
- » ENGINE SERIAL CONNECTION
- » BUILT-IN BACKUP BATTERY
- » BLUETOOTH

Benefits:

- Plug & Play Install
- Engine Diagnostics
- Location Based Services
- Speed Alerts
- Maintenance Reporting
- Engine Hours
- Over-the-Air Updates
- Custom Configurations

MiFleet OBDII:

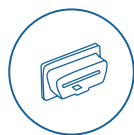
ATrack AX11 | 4G LTE

The ATrack OBDII device is a 4G LTE Plug & Play installation that is ideal for passenger and light duty vehicles. This device offers engine data, Bluetooth, driver behavior alerts, and customized reporting options.



LTE Connectivity

Get real-time reports over the **LTE Network** to provide the ultimate experience for **AVL and vehicle applications**.



Plug & Play Installation

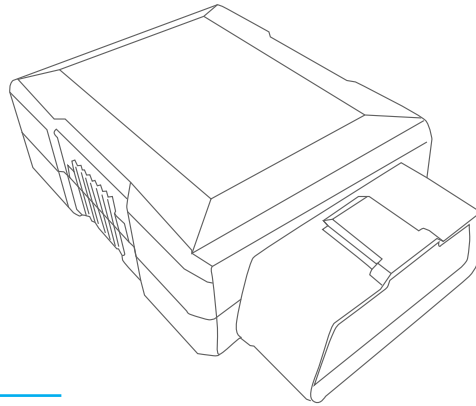
The OBDII connection port is a **plug & play install** for quick and easy setup. Device allows **engine diagnostics, speed alerts, and engine hours** through platform visibility.



Custom Options

The AX11 can be configured to **report on** custom schedules and collect **vehicles data** and **driver behavior**.





CELLULAR

AX11-MX (AT&T)	LTE FDD Cat.M1 B2 (1900), B4 (AWS1700), B12 (700)
AX11-LS (Sprint)	LTE FDD Cat.1 B2 / B25 (1900), B4 (AWS1700) B5 / B26 (850), B12 (700)
Data Support	UDP / IP, TCP / IP, SMS over IMS
Antenna	Embedded cellular antenna

GPS

Receiver Type	99 Channel Engine
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

Vehicle BUS Protocols	ISO 15765-4 (CAN) ISO 14230-4 (KWP2000) ISO 9141-2 SAE J1850 VPW SAE J1850 PWM SAE J1939 SAE J1587/J1708 OEM CAN Data
Serial Interface (Optional)	RS232
1-Wire Interface (Optional)	1 (Driver ID)
LED Indicators	3 LEDs (power, cellular, GPS)
Digital Inputs (Optional)	1
Buzzer	>70dB @ 10cm
Bluetooth (Optional)	Bluetooth Low Energy

SENSORS

Accelerometer	3-axis ±16g
Gyroscope	3-axis ±2000dps

ELECTRICAL

Operating Voltage	Vehicle 12V / 24V system
Current Consumption	Operating: 60-300mA @ 12V Deep Sleep: 1.7mA @ 12V
Backup Battery (Optional)	3.7V 90mAh

MEMORY

Internal Flash Memory	64 Megabit Up to 120,000 logs Up to 21,000 queues
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ENVIRONMENTAL

Operating Temperature	-40 to +70 °C (without battery)
Humidity	-20 to +60 °C (with battery) 95%RH @ 50° C non-condensing
Vibration / Shock	MIL-STD-810G, SAE J1455

PHYSICAL

Dimension	84mm × 52mm × 25mm (3.31" × 2.05" × 0.98")
Weight	80g (0.17 lb)
Enclosure	Flame Retardant ABS+PC

CONNECTORS

Vehicle BUS Interface	SAE J1962 Type B Connector Optional adapter for DEUTSCH 6Pin/9Pin Connector
SIM Card Socket	Internal NanoSIM (4FF)
PC / Accessory Interface	Mini USB connector

DEVICE MANAGEMENT

Configuration	ADM, SMS, USB Cable
Firmware Update	ADM, FOTA, USB Cable

CERTIFICATIONS

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