



MVP OBD-II GPS TRACKING UNIT

The MVP-OBD is an economical, full-featured vehicle tracking product designed for easy and reliable installation in automobiles. The MVP-OBD is an ideal solution for automotive insurance, driver behavior management, auto rental, and easy-install fleet management and automotive applications.

The MVP-OBD full-featured tracking unit features a small size, superior GPS design, OBD-II interface, and a 3-axis accelerometer. These features enable the MVP-OBD to track vehicle speed and location, detect hard braking, cornering or acceleration in addition to a full set of fleet management features. Superior internal antennas for both cellular and GPS coupled with an OBD-II connector eliminate the need for professional installation and makes the MVP-OBD install quick, easy and inexpensive. Messages are transported across the cellular network using enhanced SMS or UDP messaging providing a reliable communications link between the device and your application servers. The MVP-OBD draws minimal power from the vehicle and is equipped with a 2-3 hour back up battery in case the cars battery dies or is removed from the OBD port allowing you to track your vehicle.

Comprehensive I/O

Inputs OBD-II connector with ignition sense

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- **Outputs** None
 - **Serial Interface** 1TTL serial
 - **Status LEDs** GPS, OBD-II and cellular
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Environmental

- **Temperature** -30° to +75° C (tethered); -40° to +85° C (storage)
 - **Humidity** 95%RH @ 50° C non-condensing
 - **Shock and Vibration** SAE J1455
 - **EMC/EMI** SAE J1113; FCC–Part 15B;
 - **RoHS Compliant**
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Electrical

- **Operating Voltage** 7-20 VDC
 - **Power Consumption** 3 mA @ 12V (deep sleep)
11 mA @ 12V (sleep on network)
140 mA @ 12V (active)
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Physical

Dimensions 1.7 x 2.5 x 1" , (43 x 64 x 25 mm)

- **Weight** 1.8 oz, (51 g)
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Connectors, SIM Access

- **Connection Type** Built-in OBD-II interface
- **SIM Access** Internal