



MOSS-OBDII-GPS GPS Tracking System

Plug & Play Vehicle Productivity and Security

The MOSS-OBDII-GPS is a versatile and economical GPS tracking beacon designed for fleet management needs in local delivery and service fleets, mass transportation and utility vans. With highly sensitive GPS and GSM embedded antennas, an integrated OBDII port connector for power and an extremely compact design, the MOSS-OBDII-GPS can be installed in a matter of minutes which substantially reduces the cost of installation. Combined with our commercial mobile monitoring portal, subscribers can manage and view the location of any or all vehicles in a fleet, run a variety of valuable reports, and even manage vehicle maintenance alerts. Security features include vehicle theft detection and tracking. Perfect for installation on non-company-owned vehicles (sales personnel), leased vehicles, or using one device among several vehicles.

Features and Benefits

Feature	Benefit
Real-Time Location	View location of vehicle on a map in real-time for dispatch and vehicle recovery
Route Logs	Archive records of vehicle movements
Ignition on/off	Know when vehicle engine is on or off for maintenance and productivity reports
Start and stop activity	Determine when actual arrival and departure times are
Circular zone notifications	Receive notifications upon entering or exiting circular zones-up to 5 zones monitored simultaneously
Speed notifications	Manage excessive speed by receiving notifications upon crossing a configurable speed threshold
Idle report and notifications	Help eliminate fuel waste by knowing when a vehicle is idling beyond a predetermined amount of time

Applications of GPS Fleet Management

- › improve productivity of mobile staff
- › improve customer service
- › prevent misuse of company resources during and after work hours
- › recover stolen or misplaced vehicles
- › provide monitored security for drivers
- › reduce fuel waste and maintenance costs



Specifications

Location Technology

- › NMEA, Binary GPS Protocols
- › Buffered messages

Network Functionality

- › GSM/GPRS network
- › Frequency Band: 850/1900 MHz
- › OTA Firmware Upgrade

Power Requirement

- › D.C Power 9-16V

Physical Connection

- › OBD Connector J1962
- › GPS Antenna Integrated
- › Cellular Antenna Integrated dual-band (850-1900 MHz)

Mechanical

- › Rugged textured plastic enclosure
- › Dimensions 1.8" X 1.7" X 1.1" (46 X 43 X 28mm)
- › Weight <2 oz. (<55 grams)
- › Operating Temperature -22 to 185°F (-30 to +85°C)

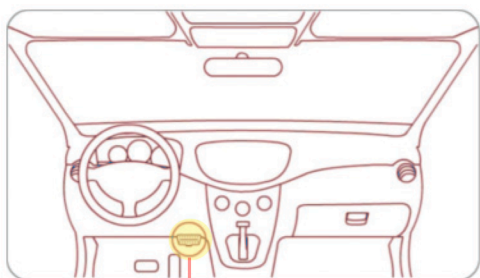
Status Indicators

- › Network registration/GSM
- › GPS position acquisition status
- › OBDII lock status

Installation Notes

Since 1996, North American vehicles have supported the On-Board Diagnostics-II protocol (OBD-II). The port that supports OBD-II connectors and devices (including the MOSS-OBDII-GPS beacon) is typically found beneath the dash on the driver's side of the vehicle.

***NOTE** perfect for situations where a covert installation is not required (For covert usage see optional T-Harness)



MOSS-OBDII-GPS



Install the beacon by pressing it firmly onto the vehicle port. The beacon draws its power from the vehicle, and immediately upon installation the LED lights on the side of the device will flash indicating that self-configuration has begun.



There are three LED indicators on the device:

The OBD indicator will flash quickly when the device is first installed, and then slowly when the protocol is established.

The GSM indicator flashes quickly when establishing a network connection, and then slowly once connectivity is established. While the device is transmitting, the LED is continuously lit.

The GPS indicator will flash quickly when the device is acquiring a satellite fix, and then slowly once the fix is acquired.

Warnings and Known Issues

1. Incompatible on '06 and '07 Ford F-150 trucks
2. Ignition events are not detected on hybrid or electric vehicles.
3. The MOSS-OBDII-GPS is not a waterproof or sealed device. Care must be taken to ensure the device is kept away from water or any other liquids.