



Rilapp Technologies Private Limited

RT-OBD: GPS based OBD Tracker

Utilizing cutting-edge GPS technology, the RT-OBD is a OBD based GPS Tracker that can help you track any vehicle, be it your car, truck or bike, all in real time. It's a plug-and-play GPS Tracker that can be fitted in vehicle within a minute.

RT-OBD vehicle tracker is manufactured to meet the need of tracking moving objects. It is equipped with highly reliable electric circuit design and complies with electronic industry standard, providing functions such as realtime tracking, ignition detection, distance calculation, speed monitoring, movement monitoring, Inbuild battery backup for electricity failure, Inbuild memory to historical data upload under different circumstances and etc.



Features

Real-time tracking

RT-OBD GPS Tracker provide real time location tracking of your vehicle anytime and anywhere. Apart from location, it also gives you speed, movement direction and other useful parameters.

High Sensitive GPS Chipset

With Tracking Sensitivity of up to -165dBm, the RT-OBD GPS Tracker owns high sensitive GPS chipset with built-in antenna. The outstanding features of it's GPS module help it become the cutting-edge real-time GPS tracking device and make it timely report the status of your vehicle.

Plug-and-play

The RT-OBD GPS Tracker can be installed in most of the vehicle within a minute. Now a days OBD has become the world wide standard and can be found in almost all four wheelers.

ACC Detection

Powered with ignition detection, this vehicle tracker can give you the ignition on/off status all the time.

Distance Travelled

With the help of smart distance calculation algorithm, the RT-OBD GPS Tracker calculates the distance travelled by the vehicle accurately.

AGPS locating

AGPS technology help this tracker acquire location quickly and you get the location in just a few seconds.

Digital input

This tracker has a digital input that is helpful in acquiring the status of ignition on/off.

Geo-fence

The RT-OBD GPS Tracker allows you to fence off certain areas of the map and be alerted when the tracker enters or leaves the restricted area.

Overspeed Alert

As soon as the device detects any overspeed, it will send alerts to you.

ODB unplug alarm

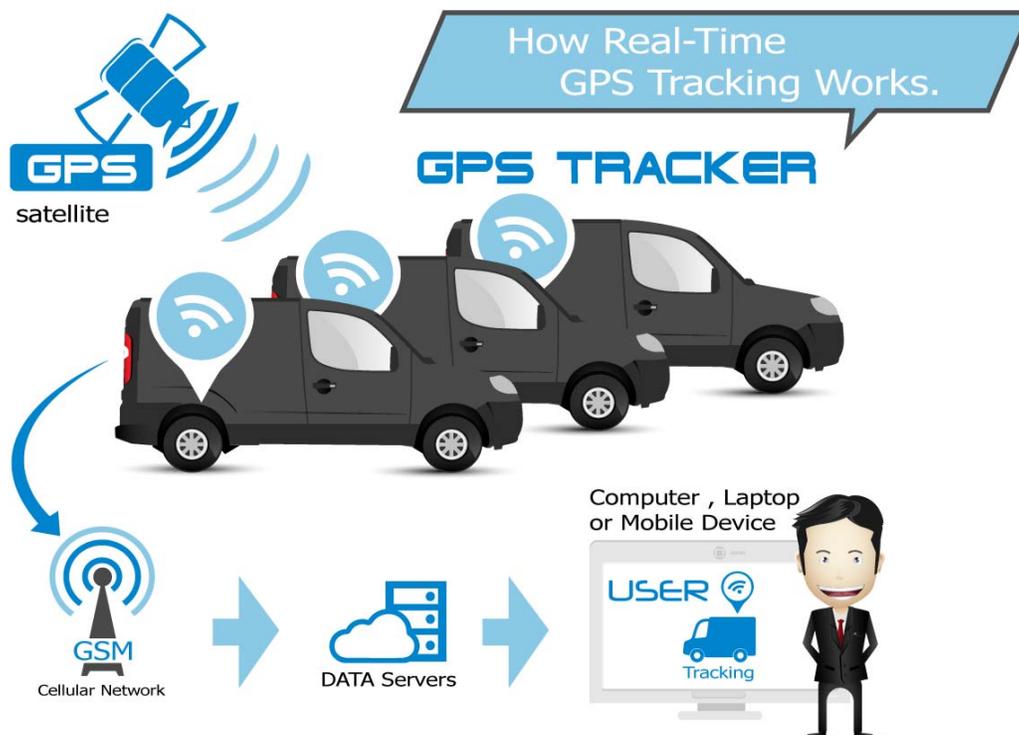
The device will send you immediate SMS alert in case somebody tries to remove the OBD tracker from vehicle.

Low battery alarm

When battery is low, the device will activate low battery alarm.

Data Upload by time interval/distance/angle

The data uploading rate can be defined in multiple ways. It can be based on specific time interval or distance interval or angular movement.



Technical Specification

GSM

Frequency GSM 850/900/1800/1900MHz
GPRS Class12, TCP/IP

GPS

Frequency L1,1575.42MHz C/A code
Channels 66
Tracking Sensitivity - 165dBm
Acquisition Sensitivity - 148dBm
Location Time Cold Start: < 35s Hot Start: < 2s
Location Accuracy <10 meters

Antenna Built-in GPS ceramic antenna; GSM quad-ban antenna

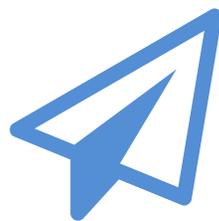
LED Indicator GPS(blue), GSM(green), Power (red)

Ignition Detection Yes

OTA SMS Support Yes

Built-in Battery Working Hours Minimum 4 Hours

Operating Temperature -20°C — +70°C



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