



RFO-OVT55

OBID Type Vehicle Tracker
Simply Plug & Play



DATA SHEET

Product Description

General

The RFO-OVT55 is an easy plug & play OBID tracker with superior location, tracking, reporting, logging and security capabilities. Utilizing the 4 G LTE - 2 G GSM/GPRS communication network along with GPS technology, it is an ideal solution for private cars, leased vehicles and/or large fleets.

You simply connect it or remove it to/from the OBID interface in your car. While having activated the SIM card you can immediately connect to the web portal and start up track your vehicle as well as set up the requested parameters per vehicle.

It covers almost all global 4 G LTE frequency bands. It can detect engine on/off status remotely and it also supports ignition, vibration, movement, geofence & plug out anti-theft alarms.

Geofence

By setting one or several specific areas (home, company or others) the device will deliver the information to the web portal which will then send an alarm to your APP or system. In consequence you are always informed about the actual situation of your vehicle.

Vibration Alarm

This function is mainly used for anti-theft of vehicles. As soon as the system senses a movement on the car it will send an alarm and alerts the concerned person.

History Management

The RFO-OVT55 provides historic route data of the vehicle. This can be seen either in the APP or on the web portal. As a standard this data is stored for 180 days.

Additional functions

Plug out alarm: If the device is removed from the connector an alarm is sent.

Overspeed alarm: If a speed is exceeded from your preset speed an alarm is sent.

ACC status detection: If the ACC line is connected you can detect the status of the car engine (ON/OFF).

Movement alarm: This alarm (SMS, Call or App) will be sent if the vehicle is moved without engine activation (tow away).

Sleep mode: When turned on the device will go into sleep mode to save battery consumption.

Article no.:

RFO-OVT55

Typical Applications

- Fleet Management
- Rental Vehicles

- Anti-Theft
- General Tracking



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Technical Specifications	RFO-OVT55
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System	
GPS launch time	Cold start 32 sec Warm start 20 sec Hot start 1 sec
Operating voltage	9 - 95 VDC
Backup battery	Rechargeable 3,7 VDC 140 mAh Li-Ion polymer battery
SIM card	micro SIM
Working temperature control	-20 degrees to +70 degrees
Humidity	5 % - 95 % non condensing
GPS antenna	built-in
Positioning type	GPS + BEIDOU + LBS
Network interface	4 G LTE-FDD/TDD + 2 G GSM/EDGE
Tracking sensivity	-162 dBm
Position accuracy	5 - 10 m
Dimensions	59(W) x 22 (H) x 45(H)mm
Weight	80 g

Connection principle



- ① GSM LED
- ② Charging LED
- ③ GPS LED
- ④ USB Port
- ⑤ SIM Card Slot
- ⑥ OBDII Port

<p>REGION Worldwide</p>	<p>OPERATION BANDS</p> <p>MV55G(EU): 4G LTE-FDD: B1/B3/B7/B8/B20/B28; 4G LTE-TDD: B38/B40/B41; 3G WCDMA: B1/B8; 2G GSM/EDGE: B3/B8</p> <hr/> <p>MV55G(AU): 4G LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 4G LTE-TDD: B40; 3G WCDMA: B1/B2/B4/B5/B8 2G GSM/EDGE: B2/B3/B5/B8</p>
<p>POSITION ACCURACY GNSS Accuracy: <5 meters</p>	
<p>CERTIFICATES CE, FCC, RoHS</p>	





Applications	RFO-OVT55
Motorcycle	
Car Rental	
Fleet Management	
E-bike	a. m. m.



Car Rental



Private Car



Fleet Management



Truck

Functions at a glance

- 4G+3G+2G
- Real-time Tracking
- Historical Route Playback
- 140mAh
- 4G WiFi Hotspot (Optional)
- Overspeed Alarm
- Vibration Alarm
- Movement Alarm
- Plug Out Alarm
- Geo-fence
- Engine Start/Flameout Alarm

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