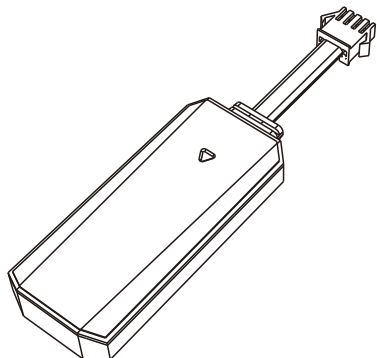


GPS TRACKER



Please read the installation instruction manual carefully before installation and use.

1 Appearance



2 Product Features



ACC detection



Geo-safe



Low battery



Cut-wire Alarm



Trace Playback



Tracking



Geo-defense



Over-speed alarm



Displacement alarm



SMS



Stop Engine



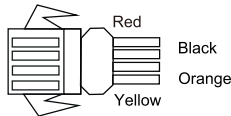
Vibration alarm

3 Inside the box

Check your product for the following items

- Device X 1
- Screwdriver X 1
- Wire X 1
- Screw X 4

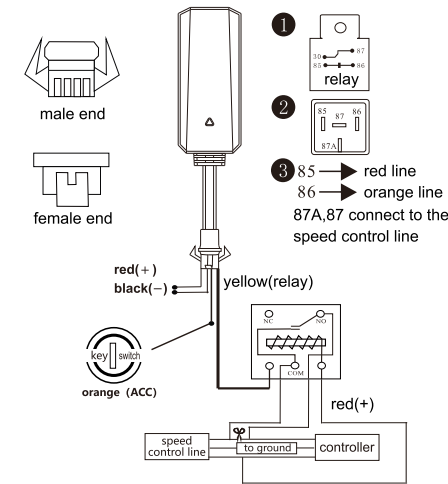
4 Wire connection



Terminal Description

Status	Meaning
Red	Positive(9-90V)
Black	Negative
Orange	Acc line
Yellow	Relay

5 Installation



- 1 Red line connect battery positive pole(+) black line connect battery negative pole(-).
- 2 Orange line connect ACC line.
- 3 Wring for Cut-off oil function:
 1. Find the "Speed control line".
 2. Detect the voltage of "Speed control line" by a millimeter.
 3. Cut the "Speed control line" into two lines.
 4. Connect "Speed control lines" with relay's two green lines.

Note:

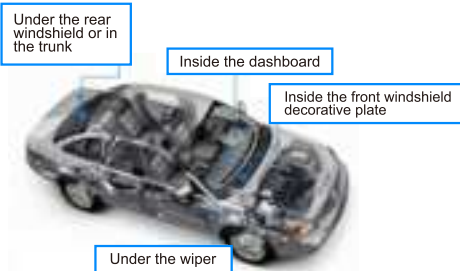
1. Please use correct relay, normally, car suit 12V relay, truck suit for 24V relay.
2. Open SIM card cover, insert SIM card and turn on battery supply.
3. SIM card must have GPRS data and SMS service.
4. Please fix it by cable ties or tape.

6 Product Installation

Please find someguys who are experience in GPS tracker installation

Installation Precautions :

1. Device should be Installed in somewhere waterproof and easy be hidden.
2. Secure with a cable tie or sponge double-sided tape



7 Precautions

GPS Tracker should be installed covertly, please contact the supplier for professional installation advice.

1. Hidden installation, avoid water.
2. Use cable or 3m tape to fix the device.

8 Quick operation instructions

1.APN setting

To ensure GPRS is activated, please make sure APN is correct.

You can send SMS command to set APN.

APN command

format:APN,APN's Name#

Eg: APN,internet# ("internet" is the APN of carrier)

The device will reply"ok"if setting successfully.

Note:The APN of some countries have user name and password,you may need to send SMS command as following:APN, APN name, user name, password#

2.Server setting

Default platform is www.iopgps.com

To connect other platform, please send the SMS command to change the server IP:

Server,0,IP,Port,0#

Domain setting:Server,1,domain,port,0#

The last "0" stands for :TCP

It will reply "ok"after set successfully.

3.Check param setting

You can check the parameter setting by command:PARAM#

Example:PARAM#

The replied information contains IMEI number,GPS data uploading interval,GPS working time and so on.

9 Operation of device

Check location

Via SMS

SMS'WHERE#'to the SIM number of the device.

Via platform

Go to the platform website offered by dealers to check your vehicle location.

10 Trouble shooting

Problem	Description	Solution
Failed to connect the internet	SIM card not installed	Check the sim card
	Simcard not installed properly	Install again
	No GSM network	Move the device in gsm network area
	Weak GSM network	Move the device in strong GSM network area
Location failed	SIM card has no gprs functions	Contact Sim card supplier to activate the gprs function
	Always reply "failed to get location"	Contact the supplier
No GPS location	Some poor signal areas like basement, tunnels are not able to acquire GPS signals.	Move the device to open sky areas.

11 Access to Platform

1. Platform(www.iopgps.com)
2. Android and iOS APP(Scan the qr code to download app)



There are two methods to login in the platform or app.

1. Login by IMEI number(the 15 digits in the back of the device), password: the last 6 digits of imei number.
2. Contact the supplier to create an account for you.

FCC Statement:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled rolled environment. This device should be installed and operated with a minimum distance of 25cm between the radiator and your body.