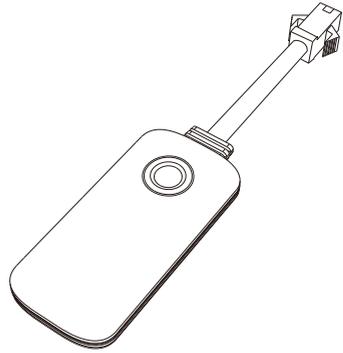


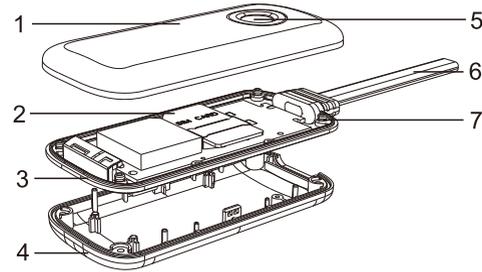
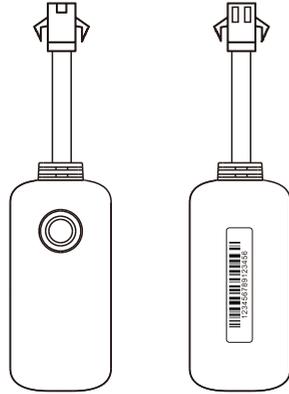
# GPS TRACKER

## USER MANUAL



Please read the installation user manual carefully before installation and usage .

### 1 Appearance



- ① Bottom shell
- ② PCBA locator motherboard
- ③ Waterproof seal
- ④ Copper stud
- ⑤ Customized logo
- ⑥ Power supply

### 2 Product features



### 3 Inside the box

#### Check your product for the following items

- Device X 1
- Wire X 1
- Warranty card X 1
- Screwdriver X 1
- Screw X 4
- User manual X 1

### 4 Specifications

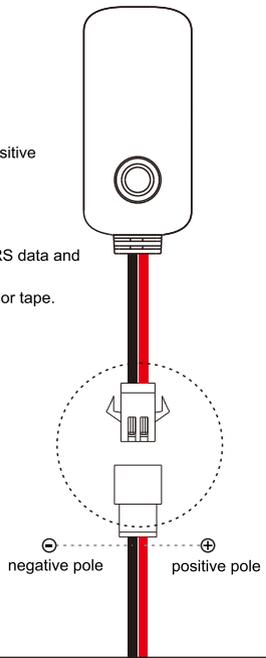
Dimension	74x35x13mm
Weight	32g
Voltage range	9-90VDC
Operation temperature	-20 °C ~70 °C
GSM frequencies	850/900/1800/1900 MHz
GPRS	Class12, TCP/IP
GPS channel	32
GPS sensitivity	-160dBm
Acquisition sensitivity	-144dBm
GSM/GPS Antenna	Built-in design
Data transmit	TCP/SMS
Geofence alarm	Alarm when get in or get out a specified area
Speeding alarm	Report when speeds higher than the pre-set value
Mileage report	Track by time/distance interval

### 5 Installation

Red line connect battery positive pole(+) black line connect battery negative pole(-).

#### Note:

- SIM card must have GPRS data and SMS service.
- Please fix it by cable ties or tape.

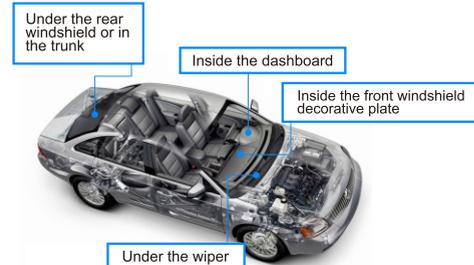


### 6 Product installation

Please seek help from personnel who are experienced in GPS tracker installation.

#### Installation Precautions :

- Device should be installed in somewhere waterproof and easily be hidden.
- Please check device shell before use it.
- Ensure device logo in the front and there is no shield before install.
- 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.

- Hidden installation, avoid water.
- Ensure device be installed in somewhere no metal cover.
- 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.wanwaygps.com](http://www.wanwaygps.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

- Platform ([www.wanwaygps.com](http://www.wanwaygps.com))
- Android and IOS APP (Scan the qr code to download app)



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

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