

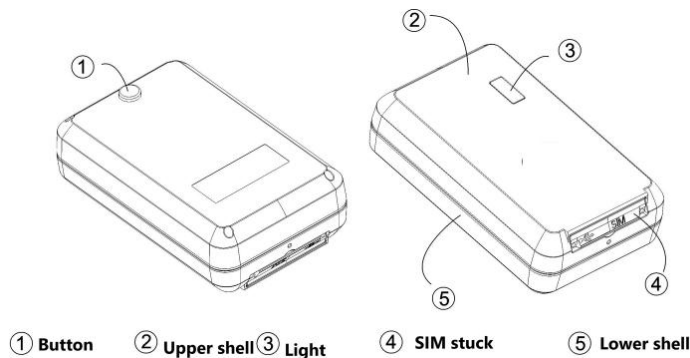
## I .PREPARE QUALIFIED SIM CARD

A 4G SIM card with GPRS network is required. And this SIM card should have the SMS & Caller ID function& enough deposit, so that it can upload the data to the server and able to send SMS.

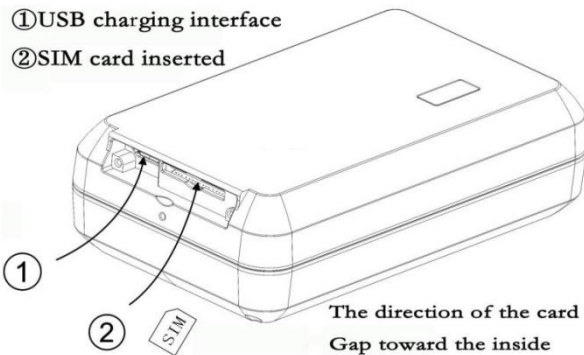
## II.INSTALLATION

Please insert the SIM card to the device,no need to connect to the car or DC power adapter, it will turn on automatically.

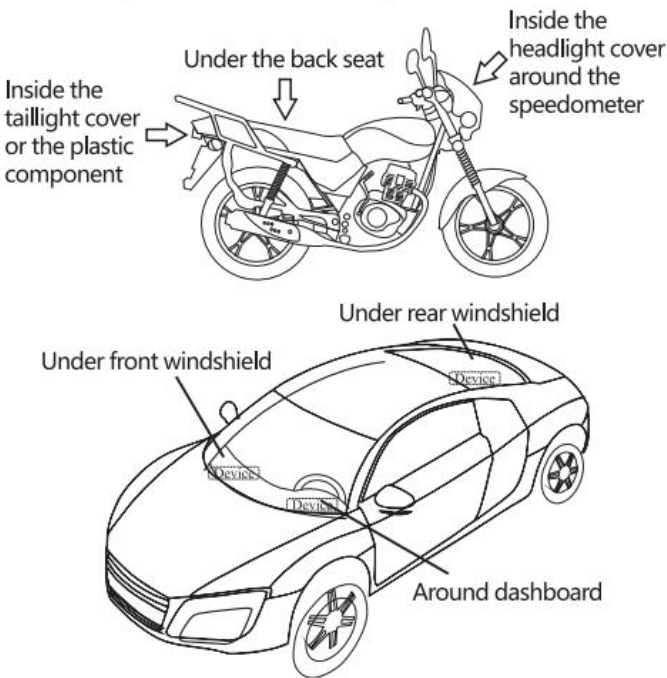
### 2.1 Out Look Of Product



### 2.2 Insertion Port Diagram



2.3 You need to choose somewhere that it won't be found, below are suggested position, avoid water, shock and interference.



# GPS TRACKER



# GAT23

4G+2G GPS Tracker

Strong Magnet  
Voice Monitoring  
Demolition Alarm  
Vibration Alarm  
Free Installation  
Rechargeable Battery  
4 Working Modes  
GEO Fence Alarm  
Diverse Work Time

### III.DEVICE CONFIGURATION,SYMBOL

#### 3.1 Set IP and port

##### 3.1.1 If use your own server

Settings can be completed by sending the following SMS command.

For example,your IP and port is d.galagps.com,810  
Then should send :

SERVER,8520,d.galagps.com,810#

### IV.SET LOCAL APN

4.1 Without user name and password: Send SMS command:APN,APN name#

4.2 If with user name and password:

APN,network name[,account,password]

For example:

APN,intenet,123,123#

### V.CHECK LED INDICATOR WORKING STATUS

|           |                           |                                                                                                                             |
|-----------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Indicator | Working Status (Blue)     | After the device is turned on, the LED lights flashing (0.3 sec /3 sec)                                                     |
|           | Charge Status (Red/Green) | This LED light is usually off. When charging, the red light is always on. When fully charged, the green light is always on. |

After above necessary configurations, if all Led indicators long/flash bright,put device in open window or install to vehicle for following usage.

### VI.ONLINE TRACKING SYSTEM

You can review or real-time monitoring the vehicles via [www.galagps.com](http://www.galagps.com) Or search “GPS51” in Google Play or Apple Store to download App and login with the account and password given by dealers.



### VII.TROUBLESHOOTING

| Problem               | Reason                                                          | Solution                                                      |
|-----------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| Center Cannot Monitor | Sim Card No Money                                               | Recharge Money                                                |
|                       | Sim Card Connect Good Or Not                                    | Please Install Sim Card Again                                 |
|                       | Online Parameter Setting Error                                  | Reset Parameters With Correct Format According To User Manual |
|                       | Vehicles Are In Underground Parking Lots, Tunnels, Weak Signals | Leave Off The District With Weak Signal                       |
| Wrong Light Alarm     | Installation Location Is In Light Area                          | Install The Device In Area Without Light                      |
| Cannot Locate         | Vehicle In Underground Car Parks Or Tunnels                     | Leave That Area                                               |
|                       | GPS Antenna Side Is Not Up To Sky                               | Make The Gps Antenna Side Up To Sky                           |

## VIII.OTHER COMMON USE COMMAND

①Set upload interval during moving,device go to sleep after three minutes of inactivity

Command format:TIMER,Upload time#

②Check Parameters

Command format:PARAM#

IMEI:351190012535936      device IMEI

APN:cmnet      operator GPRS node

IP:d.galagps.com:810      sever IP and port

CENTER:13800138000      center number

UPLOADING TIME:10S      moving uploading interval

LANGUAGE: Chinese      language(CN/EN)

GMT: time zone (E/W8)      time zone(E/W 0~12)

③Check Version

Command format:VERSION#

Reply: VERSION:YH59.4GC.V06.230830

IMEI: 351190012535936

④Reset Device

Command format:RESET#

If send this command ,then it will restart after 20sec

⑤Set Working Mode

SLEEP,0# (normal working mode)

SLEEP,1# (Intelligent sleep mode)

SLEEP,2#(deep sleep mode)

Device factory default mode 1,intelligent sleep mode.



**More details please refer to the user manual!**