GPS Vehicle Tracker

(GPS+GSM+SMS/GPRS)

User Manual

(V1.0)

Please read the installation guide before use, in order to get the correct installation and quick operation. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in latest release. The maunfacturer assumes no responsibility for any errors or omissions in this document.

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3. Installation Instructions

3.1 The preparing work before installation:

3.1.1 Open the box, and check device model is correct, accessories is complete, if find something wrong, please contact your supplier.

3.1.2 SIM card choice, device need to insert one GSM SIM card

3.1.3 Install the SIM card, open the device, lift the SIM card slot metal cover, put the SIM card into the card slot, and then cover card slot.

Note:

(1)Before install or remove the SIM card, please toggle the power supply switch to power off position;

(2) SIM card need to open the GPRS function

(3) SIM card need to open the call identification. (according to customer needs to choose to open or not open).

(4) make sure the SIM card has no password

(5) make sure the SIM card has money.

3.2 Installation

Please find the professional and technical personnel for installation. Pay attention to the following items:

3.2.1 In order to avoid thieves damage, please select a hidden place to install.

3.2.2 Not place with other emission source, such as reverse sensor, car alarm, and other vehicle communication device.

3.2.3 Use cable tie to fixed or use a wide strong double-sided tape to stick;

3.2.4 Device with built-in GSM antenna and GPS antenna, so make sure the front of device face to the air, and without metal cover above the device.

Recommended installation location:

3.2.4.1 The decorating plate below the front windshield of the car

3.2.4.2 Around the car dashboard (skin for non-metallic material)

3.2.4.3 The decorating plate below the back windshield of the car

3.2.4.4 In the car door or in the column.

3.2.4.5 In the dashboard of motorcycle or electrombile, or below the back seat

Note:

If there is metal insulation layer or heat layer paste with the windshield, it will cause GPS signal weak and make device work abnormal. So please replace the device installation location.

3.3 Device wire

1. The red wire to connect power positive;

2. The black wire to connect power negative;

3. The orange wire to connect the ACC

4. The yellow wire to connect the oil or electricity control

Please choose original factory power wire, red wire for power positive, black wire for power negative. When installation, please select a single grounding, do not connect with other ground. If need the ACC automatic anti-theft function, make sure connect the ACC line. Devices will decide whether to enter the security status according to the ACC. If we do not connect the ACC wire, it will make the device to prevention state. And in prevention state, if car occur vibration, it will trigger vibration alarm.

3.4 The correct use of steps:Install -> Satrt Up->Set Up ->Registered

(1) Installtion: Make sure GPS antenna face to air, and there are no

heat-insulatinganti-explosion membrane and metal layer above the device.

(2) Start Up: Insert SIM card, connect the wire, and then toggle the switch on.

(3) Set Up: Sending the SMS with the owner phone to set the admin phone and special phone.

(4)Register: Registration method based on the using platform

3.5 Indicator light

3.5.1 yellow light - GSM light

state	meaning
Flash 1 time every 2 seconds	GSM initialization
Always on	GPRS communicate normal /on line
Not light	GSM sleep

3.5.2 blue light-GPS light

state	meaning
Flash 1 time every 2 seconds	Search GPS signal
Always on	GPS position
Not light	GPS sleep

4. Application method

Note: The device can be set parameters by SMS, the owner phone number send SMS to SIM number in the device, and the SMS content is separated by a comma. The comma of SMS is in English input format.

4.1 change password:

Owner number can be set only one, the owner number of setting last is effective.

The default password is: 123456

Set owner number SMS: admin123456 13712345678   Reply: admin ok

Change password SMS: password123456 666888   (666888 is new password)

Reply: password ok

4.2 Set power off alarm

4.2.1 open power off SMS alarm SMS: pwrsms123456,1   (default)

Reply: pwr sms alarm set ok

4.2.2 close power off SMS alarm SMS: pwrsms123456,0

Reply: pwr sms alarm set ok

4.2.3 open power off call alarm SMS: pwrcall123456,1

Reply: pwr call alarm set ok

4.2.4 close power off call alarm SMS: pwrcall123456,0 (default)

Reply: pwr call alarm set ok

4.3 Set ACC alarm   (need to connect the ACC)

4.3.1 In ACC on, if in auto-arm state, the ACC can remove auto-arm; if SMS to set auto-arm, ACC can not be remove auto-arm.

4.3.2 In ACC close, after the setting time, the device will enter auto-arm.

4.3.3 Set ACC auto-arm on SMS: ACCLOCK,123456,1
       Reply: OK

4.3.4 Set ACC auto-arm close SMS: ACCLOCK,123456,0   (default)
       Reply: OK

4.3.5 Set auto-arm time SMS: ACCLT,123456,3   (3 is auto-arm time, unit is minute)

4.4 Vibration alarm setting

4.4.1 Open the vibration alarm SMS: 125# (default)
        Reply: OK

4.4.2 Close the vibration alarm SMS: 126#
       Reply: OK

4.4.3 Open the vibration alarm calling: 122#
       Reply: OK

4.4.4 Close the vibration alarm calling: 121#(default)
        Reply: OK

4.4.6 Set vibration alarm time command, 1-15 second
     SMS: vibtime123456,n   Reply: vibtime set ok
        n(0~15), 0 cancel vibrate alarm, default is 3 second

The ACC auto-arm description: In main power on and ACC close state, after 3 minutes, the device enter auto-arm state. If car vibration, sending alarm SMS to owner phone.

If not connect ACC, can set auto-arm or not by SMS.

4.5 Query location information

4.9.1 Check now position SMS: 123

4.9.2 The owner phone call SIM number in device, and the device hung up, then reply position SMS.

4.9.3 Google link SMS: g1234

4.6 Setting over speed alarm

Setting Over Speed: speed123456 080   unit is km/h

4.10.1 Close overspeed alarm SMS: speed123456 000 (default)

Reply: speed ok

4.10.2 Open overspeed alarm SMS: speed123456 080

Reply: speed ok

4.7 Setting move alarm

SMS: move123456 300 (default) unit is meter

Reply: move ok

4.8 Set auto-arm

Auto-arm: SF   reply: SF OK

Cancel auto-arm: CF   reply: CF OK

4.9 cut oil or electricity (option)

When the car is stolen, you can send the cutting oil or electricity command by platform.

Note: In order to make sure the car safety, the device will cut-off the oil or electricity when GPS is located and speed is lower than 20km/h.

After cancel alarm, you can send the recovery oil or electricity command by platform. Device will continue to drive.

Cut oil or electricity: DY

Open oil or electricity: KY

4.10 Reset GPS

SMS: CQGPS

4.11 Restore the factory Settings:

SMS: FORMAT

4.12 Reset Device

SMS: CQ

4.13 Check device information

SMS: CXZT

4.14 Set APN:

Set APN: apn123456 cmnet   Reply: apn ok

Set Username: apnuser123456 user   Reply: apnuser ok

Set Password: apnpasswd123456 password   Reply: apnpasswd ok

4.15 Set IP and port:

SMS: IP+space+IP address+space+port

Sample: IP 123.142.106.193 8800   Reply: set IP OK

5. Troubleshooting

5.1 After the first installation, if it is not online on the plaform, please check the

device installation:

5.1.1 check the main power wire

5.1.2 check the SIM card

5.1.3 check the power switch, switch is on the edge of the back cover.

5.1.4 check the state of LED lights

5.1.5 check the GPS location, if not, please go outside to locate for the first time.

5.2 It is off-line on the platform

First check the indicator light, and if no condition to check LED, please check the SIM card state, as follow:

5.2.1 Dial the SIM number in the device, check the dial tone.

5.2.2 check the car is in the basement without gsm signal

5.2.3 Check the dropped area, confirm individual drops or all dropp, so can determine whether network for operators

5.2.4 check the SIM card arrearage

5.2.5 GPRS service is cancelled (at the end of the last day of offline)

5.2.6 check the parameters settings, is the interval of upload correct?

5.3 If the GPS function is activated, but can not locate for a long time, please check the device installation location.

5.5 If specific number phone receive the SMS about power off alarm, determine whether illegal cuntting line, otherwise please check whether the fuse on the power wire.