

06/Hardware Installation Instruction

6.1 Find the place of the vehicle OBD interface. The OBD interface is a 16-pin female interface and the interface is trapezoidal.



Note: the place of the OBD interface is different for different models of vehicles. The following figure shows the possible place of the OBD interface:



Area A: Above the clutch pedal

Area B: Above the accelerator pedal

Area C: In front of the gear lever and under the center console

Area D: Behind the gear lever and in front of the armrest box

Area E: Under the co-pilot glove box

6.2 Plug into the OBD interface of the vehicle, which can be directly inserted or connected with an extension cable (the special extension cable and double-sided stickers required for installation can be selected at the dealer according to actual needs)

07/Precautions

Please use the accessories provided by the product manufacturer. Using any other accessories will invalidate the warranty service. If the product is damaged due to using non-original accessories, the product manufacturer will not assume any warranty responsibility.

※The USB port on the device is dedicated for factory testing, it is not the charging port, and should not be used for charging or other purposes.

※Make sure that there is no electromagnetic wave absorbing material (such as metal, explosion-proof heat insulation film) shielding above the installation place.

※Do not expose the device to liquids or operate it with wet hands.

※Do not throw the device into fire.

※If the temperature is lower than -20°C or higher than $+60^{\circ}\text{C}$, the device may not work.

※When the device is directly plugged into the OBD interface and affects the driver's operation, please use an extension cable to lead it to a safe place.

08/Troubleshooting

When using the product, if you have any problem, please refer to the following problems and solutions; if these solutions cannot solve your problem, please contact your dealer.

Common Issues	Problems	Solution
Poor signal reception	When using the product in areas with poor reception, such as near high-rise buildings or underground parking lots, satellite radio waves cannot be effectively transmitted	Use the product in a place where have strong signal
Unable to connect to the network	The SIM card is not installed properly	Check the SIM card and reinstall it
	The metal surface of the SIM card is dirty	Please wipe it with a clean cloth
	Out of GSM signal service area	Please go to the network service provider service area
	Poor signal	Please go to a place where have strong signal and try again
Position information query failed	The SIM card has not activated the GPRS service	Please contact the network service provider to activate GPRS
	Keep replying "location failed"	please contact your dealer

GPS

OBD Vehicle positioning communication terminal

Quick Installation Guideline

Please read this operation guideline carefully before using the product in order to get the correct install and operation way. Part of the functional structure of the product will be changed without notice, and the actual product shall prevail. This product is limited to the purchaser's own vehicle anti-theft use, and is prohibited to be used for illegal use, otherwise all responsibilities arising therefrom shall be borne by the purchaser himself.

01/Product Description

1.1 Product functions

Plug and Play, Wire free, Charging-Free, Geo-Fence, Vibration alarm, Displacement Alarm, Playback of driving route, Location query, Shorter bend upload interval, Power off alarm (exclusive function of the product with a battery)

1.2 Product parameters

- Working voltage: 12V-36V DC
- Size: take real products as standard
- Positioning accuracy: ≤ 10 meters, subject to the actual situation
- Work temperature: -20℃ to +60℃

02/Packing List

Device host ————— 1
Product manual ————— 1

03/LED Indicator Status

3.1 Yellow LED (GSM signal light)

LED Status	Description
Flashing	GSM Initialization
Always light on	GPRS Communication is normal/has been online
Light off	GSM Sleeping

3.2 Blue LED (GPS signal light)

LED Status	Description
Flashing	Searching GPS Signal
Always light on	GPS Positioned
Light off	GPS Sleeping

04/SMS Command Operation

Please use the mobile phone to edit the SMS command and send it to the SIM card number of the terminal device. Please be noted that the spacing in the SMS command is inputted by the space bar, the comma is the English input status format, and capital letters and lower case letters must be inputted correctly according to the command requirements.

- ① Binding master number (i.e. user's phone number)
Command format: SZCS#USER=13500000000
- ② Product status query
Command format: CXZT
Reply: product current status
- ③ Restart the device
Command format: CQ
Reply: CQ ok
- ④ Restore factory settings
Command format: FORMAT
Reply: restore factory settings is successful,
please re-bind the owner's number

- ⑤ Set the server IP and port
SMS command:
SZCS#SERVIP=122.9.115.220#SERVPORT=7711

- ⑥ Set up APN command format:
If there is no APN account and password, APN command format:
SZCS#APN=cmnet

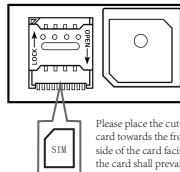
If there is an APN account without password, APN command format:
SZCS#APN=cmnet#USERPPP=666

If there is an APN account and password, APN command format:
SZCS#APN=cmnet#USERPPP=666#PWPPP=123

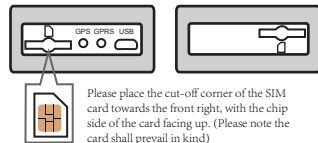
Please be noted that the above 666 is the account number and 123 is password, users need to replace those number with the number corresponding to the APN of the inserted SIM card.

05/Turn on Instruction

Turn on: insert the SIM card in the correct direction and the device will automatically turn on.



Please place the cut-off corner of the SIM card towards the front left, with the chip side of the card facing down. (Please note the card shall prevail in kind)



Please place the cut-off corner of the SIM card towards the front right, with the chip side of the card facing up. (Please note the card shall prevail in kind)

SIM card installation steps:

- ① Please make sure the SIM card has prepaid value before using on the device.
 - ② The SIM card has activated the GPRS service.
 - ③ The size of SIM card is 15*12mm (Micro card). Please refer to the picture below for the size and type of the SIM card:
- Standard card Micro Nano
- ④ When the SIM card is inserted, there is a feeling of spring rebound. Press the card to the bottom until it can be stuck. (If there is no spring-back feeling, please check whether the card is inserted in a reverse direction)

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.