

① card installation: install the SM card in the correct direction when the external power is not connected. After fastening the SM card, turn the switch to On, and then cover the surface.

② card retrieval: disconnect the external power and turn the switch to Off before removing the SIM card.

Remarks: The SIM card needs to be enabled with data traffic, SMS and voice functions.



07/ Installation instructions

7.1、Installation instructions

The terminal shall be installed in a concealed manner. It is recommended that a professional organization designated by the dealer install the terminal.

Installation precautions:

- ▶ Concealed installation, pay attention to waterproof.
- ▶ Please turn on the device terminal battery switch before use. During installation, ensure that (indicator light) is upward and there is no metal shield above.
- ▶ It can be fixed with tie or sponge double-sided adhesive tape.

08/ Working description

- ① the external power equipment starts automatically, and the power indicator (red) is always on
- ② use the backup battery independently without external power, and the power indicator (red) flashes slowly
- ③ search network signal (yellow indicator) and GPS signal (blue indicator flashes)
- ④ after normal operation, the network signal (yellow indicator) and GPS signal (blue indicator) flash slowly

⑤ SOS alarm: long press sos for 3 seconds, the device dials the SOS number, and the other party can realize the listening function after answering.

09/ Battery use safety

Please use the battery specified by the original manufacturer of your terminal. Using any other accessories will invalidate all warranty services. If the terminal is damaged due to the use of non original accessories, the manufacturer will not bear any warranty liability.

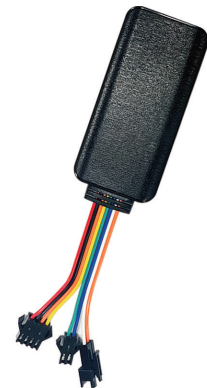
- ▶ Do not let metal objects cause short circuit of battery contactor
- ▶ Do not bend or forcibly open the battery
- ▶ Do not immerse the battery in water or put it on fire
- ▶ The battery must be charged near room temperature, if the temperature is low 0°C or above 45°C, the battery may not work
- ▶ It is forbidden to use batteries with deformed appearance, discoloration, liquid leakage or damaged outer packaging
- ▶ It is forbidden to disassemble and transform the battery

10/ Troubleshooting

If you feel abnormal when operating the terminal, please refer to the following problems and solutions. If you cannot solve the problem, please contact the seller or service provider.

Common problem	Problems arose	Terms of settlement
Poor signal reception	When terminals are used in areas with poor reception, such as near high-rise buildings or basements, radio waves cannot be effectively transmitted	Use the terminal at a good signal position
Unable to connect to the network	SIM card not installed properly	Check SIM card
	Dirt on metal surface of SIM card	Wipe with a clean cloth
	Out of network service area	Please move to the network service provider service area
	Weak signal	Please move to a place with strong signal and try again
Location information not found	SIM card is not enabled with data traffic function	Please contact the network service provider to activate the data traffic function
	Always reply "failed to get location"	Please contact your dealer

GPS Tracker G28



Please read the installation and use guide carefully before use to install correctly. If there is any change in the appearance of the product, please refer to the real object!

01/ Product Features



ACC detection



Electronic fence



Low power alarm



Track playback



Real time positioning



Electronic fortification



Displacement alarm



SOS Alarm



Cut off oil and power



Thread trimming alarm

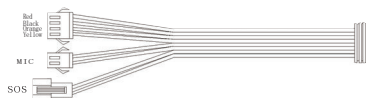


Vibration alarm

02/ Product appearance



03/ Terminal definition



Note: the product is divided into 4-wire and 8-wire. Mic and SOS keys are optional and can be selected according to customer needs.

3.1. Definition of terminal outgoing line

state	meaning
Red	Connected to positive pole (9-90VDC)
Black	Connected to negative pole
Orange	Connected to on position of ACC
Yellow	Connected to relay or lock motor

3.2. Red LED (power / working status)

state	meaning
Slow flash	Normal operation (battery powered)
Long bright	Normal operation (connected to power supply)
Not on	Device failure or hibernation

3.3. Yellow LED (GSM signal light)

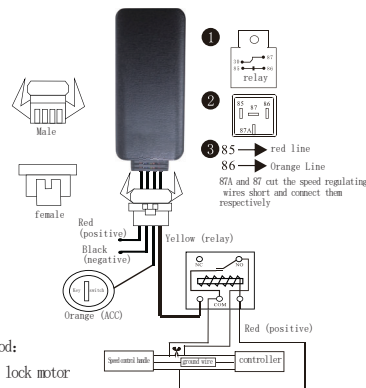
state	meaning
Flash	Network initialization
Slow flash	Network receiving signal is normal
Not on	No network signal found or sleep

3.4. Blue LED (GPS signal light)

state	meaning
Flash	GPS signal searching
Slow flash	GPS signal reception is normal
Not on	No GPS signal found or sleep

3.5. WiFi assisted positioning

04/ Terminal connection



Connection method:

- ①Connecting the lock motor
- ②Connecting the relay

- ① The red positive pole is connected to the battery positive pole (+), and the black negative pole is connected to the battery negative pole (-).
- ② The power input line interface is connected to the positive and negative pole interface of the power supply (the positive and negative poles cannot be reversed)
- ③ ACC line connected to ACC line on vehicle
- ④ Yellow wire connected relay cuts off oil power or locks motor

Oil and electricity disconnection wiring method 1:

- (1) Find out the "speed control handle control line". The method: "speed control handle control line" is generally green or white, on the 4Pin connector of the controller.
- (2) Measure the voltage of the speed control handle line with a multimeter. The voltage of the control line of the speed control handle is 0.8V by default (in the static positive state when ACC is on). When the speed control handle is adjusted to the highest speed, it is about 4.3v-5v.
- (3) Change the speed control line into 2 lines.
- (4) Connect the two lines of the cut speed control line to the two lines of the normally closed end of the relay.

Remarks: the oil and electricity cut-off function must be equipped with a relay specified by the manufacturer (it is recommended that electric vehicles use a 5V relay specified by the manufacturer, and automobiles use a 12V relay specified by the manufacturer)

Lock motor wiring method 2:

Adjust the multimeter to the DC voltage of 200V, connect the black pen to the negative pole of the battery, and the red pen to the controller line one by one. If the voltage is displayed as a line of 3~5v, it is judged to be a locked motor line, which can be connected with the yellow line.

05/ Equipment operation

5.1. Login location service platform

Please log in to the service platform designated by the dealer for corresponding settings and function operations.

Default login account: IMEI number (see sticker)
default login password: 123456

5.2. Downloading Mobile Application

Please log in to the website designated by the dealer to download the mobile applications software for installation.



5.3. SMS command operation

① Status query

Format: Status#

② Set SOS number

Format: SOS, a, number#

③ Address query

Format DW or 123

06/ Switch ON/OFF



FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

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