

HW-EG03G

4G GPS TRACKER(LTE CAT 1/GNSS)

The device is a wireless charging device with recording function that can be used for vehicle tracking and personnel location. It has the characteristics of small size, hidden installation, low power consumption, long standby time and so on



Alarm function

Speed alarm/voice-activated alarm

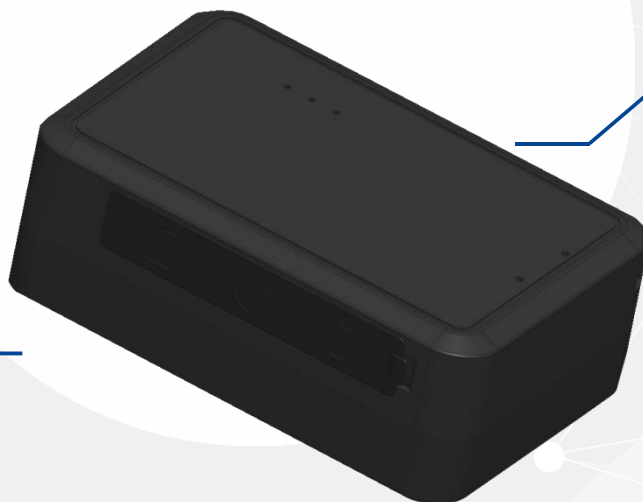


Functional characteristics

Multiple operating modes

1. Standby mode
2. Timing mode
3. Car chase mode

Remote recording upload



Hardware

1500mA lithium battery

Type-C Charging port

4G CAT1

Pilot lamp



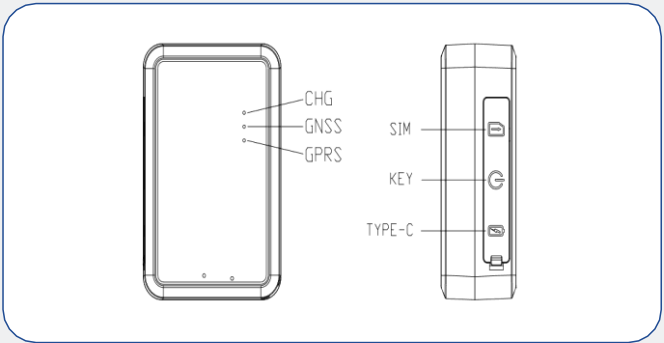
Physical specification

Dimensions	L55.4*W36.6*H20MM
Weight	35g

Module

Name	EC718
Technology	LTE CAT1/GNSS

Interface Definition Of Product



GNSS

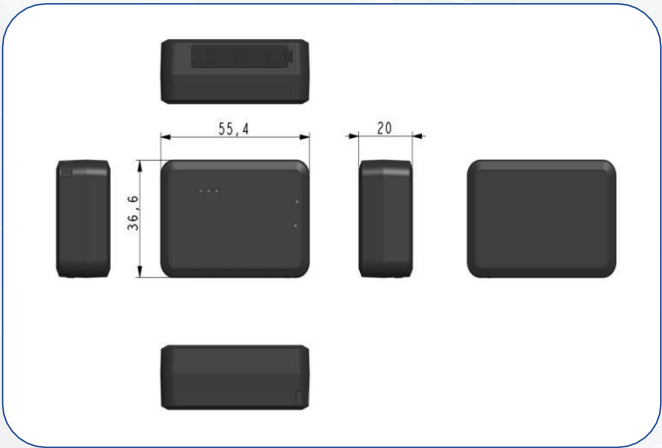
GNSS Receiver	GPS, GLONASS, GALILEO, BEIDOU, AGPS, QZSS, SBAS 64 Channel
Tracking Sensintivity	-160dB
Position Accuracy	<2.0 mCEP
Velocity Accuracy	<0.1 m/s
Hot Start	<1 S
Warm Start	<4 S
Cold Start	<28 S

Cellular

4G LTE Cat1 bands	B2/B4/B5/B66
Data Transfer	LTE:Max10Mbps(DL)/Max5Mbps(UL)
Data Support	SMS (TXT/PDU)

Power

Battery	1500mA/3.7V lithium battery
Power Consumpt i on	At3.7 V<800uA(Online Sleep) At3.7 V<24mA(Normal)



Operating environment

Operating Temperature	-20 °C to +75°C
Storage Temperature	-40°C to +85°C
Operating Humidity	5% to 95% non-condensing

Interface

GNSS Antenna	Internal High Gain
Cellular Antenna	Internal LTE High Gain
LED Indication	3 status LED lights
SIM Memory	Nano-SIM 4MB internal flash memory

Features

Sensors	Accelerometer
Scenarios	Multiple working modes (1. Standby mode 2. Timing mode 3. Pursuit mode) Alarm (vibration alarm/low voltage alarm/ voice-activated alarm) Multiple positioning methods (GPS/BD/WIFI/LBS) Remote recording Remote upgrade Electronic fence Journey
Sleep modes	Online Sleep Normal
GPRS Commands	Configuration
Time Synchronization	GNSS,server

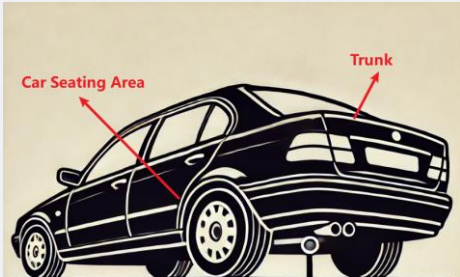
Certifi cation & approvals

Regulatory	CE
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Product installation operation process

1 Device installation

- (1) Inspect device
Check whether the equipment appearance is good, fittings is complete.
- (2) Install SIM card
Open the device SIM card into the card slot. Please avoid overexertion is damaged, please make sure that a SIM card with Internet access, only at the same time satisfy the electricity and insert SIM card terminal can work normally.
- (3) The terminal installation position requirements
 - A. Waterproof: choose place which is not easy to fill the position, kept terminal dry, pay attention to be far away from the air-conditioning outlet in case of the changes of temperature. Have condensed water accumulated inside the terminal seriously affect the service life of the product.
 - B. Shock: terminal can't hang up installed in strong vibration position for a long time.
 - C. Tamper-proof: terminal should be away from the car video intercom and electronic equipment, such as to prevent conduction and radiation.
- (4) Installation location as shown in the figure: It is prohibited to install the product in the car engine。



2 SMS Setting format

Set IP online:
<SPBSJ*P:BSJGPS*T:120.025.232.237,6688*N:18800000001*60:1>

Set domain name online:
<SPBSJ*P:BSJGPS*Q:www.baidu.com:1111>

SPBSJ	Message header
*P: BSJGPS	Password
*T: 120.024.176.195,6695	TCP IP/port
*N: 13288888888	Device number (max: 16)
*60	Automatic answering
Remark: 1. The communication IP and domain name can only be set one, set the IP to clear the domain name, and set the domain name to clear the IP. If the domain name cannot be resolved, the alternate IP connection is enabled.	

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.
- 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 & your body.