

4 plug-and-play car GPS tracker

Product User Manual

Product model: C08A

Version number: V1.0



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Special statement: This product is solely intended for anti-theft purposes in end vehicles and must not be used for illegal activities. Otherwise, all legal responsibilities arising from such use shall be borne by the user

catalogue

I. Product Features	
II. Product Installation Instructions	4
III. Product Parameters	4
IV. Basic functions of the product	6
V. Analysis and troubleshooting of common problems	6
VI. Precautions	7
VII. After-sales Service	

1. Product Features

>4G built-in antenna, supports all networks, high integration design

>Real-time location tracking, track playback

GPRS/SMS (SMS query notification) remote monitoring

Power failure alarm, overspeed alarm, displacement alarm

Vibration alarm, fence alarm

>Small size, wire-free installation

"Blind spot compensation, curve correction"

>Triple positioning

II. Product Installation Instructions

Note: The OBD port locations vary among different vehicle models. The following figure illustrates the possible locations of the OBD port:



Area A:above the clutch pedal

Area D:Behind the front lever of the armrest box

Area B:Above the accelerator pedal

Area E:Below the co-pilot's glove compartment

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

III. Product Parameters

Specification content	Specifications
size	49.5*34*39mm
weight	41g(including battery)
Built-in battery	90mAH (3.7V)
Working Voltage	12-24V DC
Operating Temperature	-20 ° C to+60 ° C
Storage temperature	-20 ° C to+70 ° C
sensor	Precision vibration sensor
frequency band	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B 66

	GSM/GPRS/EDGE 850/900/1800/1900MHz 850/900/1800/1900MHZ
GSM+GPS module	SIMCOM-A7670SA
root mean square error	S degree
Dynamic output range	-15~-108dbm
reception sensitivity	-107dbm
Maximum frequency error	± 0.1ppm
sensitivity	Cold start:-147dbm Hot start:-156dbm Re-capture:-160dbm Tracking:-162dbm
positioning accuracy	< 5m
First positioning time	Cold start:average 32 seconds
LTE4G antenna	built-in
GPS antenna	built-in
LED indicator light	Power supply,indicating status
transmission protocol	TCP
Power detection	Upload alarm information when the main power is disconnected
data reporting	Update GPS data in real-time and support customer customization
electronic fence	TBD
Driving behavior detection	When the vehicle's driving speed exceeds the set speed,upload an overspeed alarm
GPS data	Real-time location update
Vibration alarm	Reporting vehicle vibration in a defensive state

IV. Basic functions of the product

content	function	Instructions
positioning function	2G+4G	Supporting 2G+4G networks,it boasts efficient transmission in just 1 second,ensuring faster and more accurate performance.
	Regular tracking	Return the positioning information such as longitude and latitude at set intervals.
	Overspeed alarm	When driving at an excessive speed,the GPS tracker will send an alert to your phone
	Vibration alarm	Equipped with a built-in vibration sensor,the device will immediately send an alarm notification in case of continuous vibration from the vehicle
	electronic fence	If the vehicle travels beyond the designated area,an alarm message will be sent to the platform
	historical trajectory	It can replay the driving trajectory for 90 days,including the speed,direction,and dwell time at that time
	Fleet management	One mobile phone can manage multiple devices, or one device can be managed by multiple mobile phones

V. Analysis and troubleshooting of common problems

The product displays a yellow and blue light that is constantly on and not flashing, indicating normal online positioning. If flashing occurs, please follow the steps below to analyze and troubleshoot the issue

Fault phenomenon	Fault Analysis	treatment method
Blue light flashing slowly	Determine whether the terminal is being used in an area with poor GPS signal,such as near tall buildings or in underground parking lots	Drive the vehicle to a location with good signal and use the terminal

	Determine whether the front windshield of the vehicle has a metal heat-resistant film that affects signal reception	If there is a tint film, swap the device to another vehicle to test if the blue light stays on. If the test is successful on other vehicles without a tint film, it indicates that the issue is caused by the tint film on this vehicle
	Check whether there is a jammer or signal blocker on the vehicle or in the surrounding area	If there is a jammer or interference source, remove it and try reinstalling
Blue light flashing	chip failure	return to factory for repair
Yellow light flashing quickly	Check if the SIM card is properly installed	Check if the SIM card is properly installed
	Check whether there is dirt or poor contact on the metal surface of the SIM card	Wipe the metal chip surface with a clean cloth or repeatedly insert and remove the card several times
Yellow light flashing slowly	Determine whether the vehicle is in a place without mobile network coverage, such as an underground parking lot	Please drive the vehicle to a place with good network signal and try reinstalling
	Check whether the server backend is functioning properly	Inquire whether the backend management platform server is operating normally
	Determine whether the SIM card status is normal	Check the status of the SIM card through the SIM card inquiry platform to see if it is normal
	Check whether there is a jammer or signal blocker on the vehicle or in the surrounding area	If there is a jammer or interference source, remove it and try again

VI. Precautions

1. Please take care to prevent water damage to electronic products

2. Please insert the SIM card before installation and ensure that no password is set on the SIM card, otherwise the device cannot work properly

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3. The USB port on the terminal device is dedicated for factory testing and is not a charging port for the device. Please do not use it for charging or any other purposes

His purpose

4. The installation location must be unobstructed by substances that absorb electromagnetic waves (such as metal or explosion-proof heat-insulating film)

place

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

6. Do not throw the device into a fire

7. The device may not work when the temperature is below - or above +.

8. If the device is directly plugged into the OBD interface and interferes with the driver's operation, please use an extension cable to lead it to a safe location

9. When the vehicle is in an underground parking lot, tunnel, or garage, it will affect the positioning signal and may experience communication issues

The blind spots of the communication network signal prevent the equipment from monitoring; once the vehicle exits these areas, the equipment will automatically resume

Resume normal work

10. In case of any abnormalities, please do not attempt to repair it yourself. This is because connecting non-original accessories or disconnecting the connections between various components

The manufacturer will not be held responsible for any damage caused by improper handling

11. This product is a safe driving assistance product. Any losses caused by malfunctions or loss of information are not the responsibility of our company

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12. This product has passed the international CE certification, but due to the complex electromagnetic environment inside the vehicle, there is a possibility that this product may

Electromagnetic interference may occur between certain vehicle models and the electrical equipment inside the car

13. Do not install or operate this product while the vehicle is in motion

14. Please do not connect an uninterruptible power supply without authorization, otherwise it may cause malfunctions in cars or products. Regarding installation matters

If appropriate, please be sure to consult a professional

15. Please avoid subjecting this product to strong impacts or vibrations, as this may damage the product and cause malfunction or failure

Law usage

16. The temperature range for normal use of this product is from -20 degrees Celsius to 65 degrees Celsius. Operation beyond this temperature range may affect the product's performance or cause damage

It may lead to product malfunction, fire, or explosion

VII. After-sales Service

1. This product is eligible for a three-month replacement guarantee and one-year warranty service from the date of shipment. During the warranty period, if the equipment is damaged due to non-human factors or product quality issues, please contact the dealer for timely resolution

2. We will not repair any damages caused by the customer's unauthorized disassembly or force majeure events (such as floods or vehicle accidents)

After the warranty period expires, any product damage or malfunction caused by use will be charged for the cost of repair materials

4. Provide customers with free consultation and technical services related to product purchase, usage, and APP installation