



# Hidden GPS Tracker

## Instruction Manual

Product model: QH200R

Version number: V1.0




Please read this instruction manual carefully before using the product and keep it in a safe place.



## Warning

1. Please pay attention to be waterproof for electronic products. Do not contact the equipment with the liquid, or operate with wet hands.

2.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer or service operator where the product was purchased. They can take this product for environmental safe recycling.

3.

Part Name	Hazardous Substances or element					
	Pb	Hg	Cd	CR(VI)	PBB	PBDE
Cabinet assembly	○	○	○	○	○	○
Cable assembly	○	○	○	○	○	○
Lithium battery	×	○	○	○	○	○
Plastic and polymer	○	○	○	○	○	○
Metal part	○	○	○	○	○	○

O: It indicates that content of toxic and hazardous substance in all homogeneous material are less than specified limit by Directive2011/65/EU (RoHS).

×: It indicates that at least one content of toxic and hazardous substance in all homogeneous material is beyond specified.

This table shows the toxic and hazardous substance when manufacture this device, hazardous substance information is based on information from supplier as well as internal inspection. In some part, hazardous substance cannot be replaced with current technologies, but Qianfeng is always doing its best to improve the quality of the product.

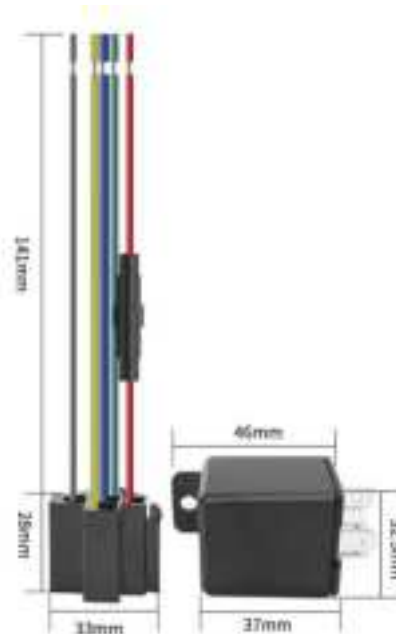


## CATALOG

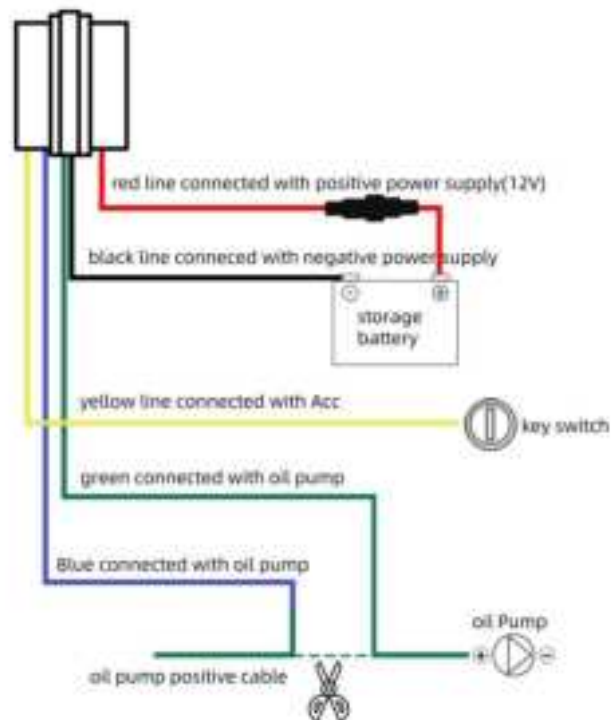
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## I. Product appearance and accessories



## II. Product structure description





### III. Product parameters

Specification content	Specifications parameters
Size	32.5mm*32.5mm*58mm
Weight	69g
Working voltage	9V-32V DC
Power supply	Vehicle battery power supply
GSM module	SIMCOM 7670SA
Working temperature	-20°C to 75°C
Storage temperature	-30°C to +80°C
Frequency range	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 GSM: 850/900/1800/1900MHz
GPS Module	AT6558R
Maximum output	GSM 850/900:33.0±2dbm GSM 1800/1900:30.0±2dbm
Dynamic output range	-15~-108dbm
Tracking sensitivity	-162dbm
Timing accuracy	<30ns
Speed measurement accuracy	<0.1m/s
Positioning accuracy	<10m
The first location time	Cold start: an average of 32 seconds
GSM antenna	built-in
GPS antenna	built-in
Transport protocol	TCP



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Power detection	Upload the alarm information when the main power is disconnected
Data report	Update the GPS data in real-time and support customer customization
Driving behavior detection	Over-speed alarm when vehicle driving speed exceeds the set speed
GPS data	Real-time positioning update

## IV. Basic product functions

Content	Function	Explain
Locate function	Regular tracking	Positioning information such as latitude and longitude according to the set interval time.
	Street view map	360 ° No dead corner HD map
	Over-speed alarm	When speeding, the locator will send an alarm to your phone
	Shock alarm	Built-in vibration sensor, the vehicle has continuous vibration, the equipment immediately sends an alarm prompt
	Electronic fence	If the car travels beyond the prescribed area, an alarm information will be sent to the platform
	Historical trajectory	You can play back 365 driving days, replay the speed at that time, direction stay time and other content
	Displace alarm	When the vehicle encounters illegal operation or theft, it can be remotely cut off through the computer or mobile phone APP
	Fleet management	One phone can manage multiple devices, or one device for multiple phones



## V. Indicator light description

### Yellow light - GSM indicator

Status of the light	Meaning
Flashing 1 time in 2 seconds	GSM initialization
Always on	GSM communication normal
No	GSM sleep/shutdown

### Blue light - GPS indicator

Status of the light	Meaning
Flashing 1 time in 2 seconds	Satellite signal search in progress
Always on	GPS/BDS positioned
No	GPS/BDS dormant

## VI. SMS Commands

The user uses the mobile phone to send SMS command to the SIM card number of GPS device (note SIM card should be activated the text message function).

The comma in below SMS command format is in English input format, and the letters are upper and lower case according to the requirements of the instruction.

Common query functions	SMS command	Reply
Device status query	CXZT	Version, ID,IP, etc...
Reply to Google link	G1234	Google address link
Restore factory settings	FORMAT	Reply: OK
APN query	APN#	Reply: APN:cmnet,,
Set APN command format	apn,123456,cmnet	Reply: apn ok
Set server IP and port	IP+space+IP address+space+port number	Reply: set IP OK
Switch English	109#	Reply: OK
Set location data upload interval	FREQ,123456,30(30 means 30 seconds)	Reply: OK



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Model: QH200R

Manufacturer: Shenzhen Qianfeng Communication Equipment Co., Limited

Address: Room 412 Building #1 Youchuang Space Qunhui Rd. No.1 Baoan  
District Shenzhen 518101

Certification: CE

Country of Origin: Made in China