无线智能定位终端

快
速
使
用
指
南

(版本 V2.3)

　　请您在使用之前认真阅读安装使用指南，以便得到正确的安装方式及快速操作使用，产品的外观及颜色如有改动，请以实物为准！若软件内容有更新，以最新版本软件附带的说明文档为准。本公司对使用过程中的过失和疏漏不承担法律责任。

一、产品功能参数

1.1、产品功能：

位置查询、轨迹回放、电子围栏、拐点补传、盲区补传、停靠报表、低电报警、超速报警、位移报警、拆除报警（选配）、远程拾音（选配）、语音播报（选配）、温度检测（选配）等。

（注：不同机型功能有所不同，功能参照对应机型。）

1.2、性能参数：

● 网络制式：4G、3G、2G（可选）；
● 充电要求：5V DC - 1000mA ；
● 定位时间：平均热启动：≤3sec(opensky)
　　　　　　　平均冷启动：≤35sec(opensky)
● 定位精度：≤10 米(open sky)
● 工作温度：-20℃-70℃

重要提示:请在设备性能承受范围内安装使用,若非法安装超出设备性能承受范围，所造成的一切后果均由使用者自行承担!

二、产品配件和 LED 灯状态

2.1 产品配件：

标配:设备/充电线/快速安装指南

2.2 终端 LED 状态

2.2.1 红色 LED(电源/充电指示灯)

灯的状态	含 义
常 亮	充电中
不 亮	未充电/已充满/关机

2.2.2 黄色 LED(网络信号状态)

灯的状态	含 义
闪 烁	网络初始化
常 亮	网络通讯正常
不 亮	休眠/关机

2.2.3 蓝色 LED(定位信号状态)

灯的状态	含 义
闪 烁	定位信号搜索中
常 亮	已定位
不 亮	休眠/关机

三、终端安装说明

3.1 安装前的准备工作：

①打开包装盒，检查设备型号是否正确，配件是否齐全，否则请联络您的经销商；
②SIM卡选择，终端需要插入一张标准SIM卡，选择支持的运营商SIM卡。
③SIM卡的安装，根据设备SIM卡槽类型，确认好SIM卡方向，正确放置SIM卡。

注意：
⑴ 在安装或取出SIM卡前，请先将终端的电源切断；
⑵ 终端SIM卡需要开通联网功能；
⑶ 拾音功能需要开通来电显示功能（依据客户需要的功能选择开通或者不开通）；
⑷ 若您的SIM卡已开启要求输入SIMPIN，请参考您的手机用户手册将输入SIMPIN功能关闭；
⑸ 请确保终端SIM卡有资费。

3.2、安装

　　终端的安装方式建议为隐藏式安装。
注意如下事项：
① 隐蔽安装，注意防水；
② 避免与发射源放在一起，如倒车雷达、防盗器及其他车载通讯设备；
③ 设备内置有GSM天线和GPRS天线，安装时应确保GPS接收面向上（朝天空），且上方无金属物屏蔽。

建议安装位置：
⑴汽车前挡风玻璃下方装饰框内隐蔽处；
⑵汽车前仪表盘（表皮为非金属材质）周围隐蔽处；
⑶汽车后挡风玻璃下方饰板下；
⑷汽车门内或者中柱内；
⑸电动车/摩托车仪表盘内或者后座下面隐蔽处。

3.3、产品的正确使用步骤

<div align="center">安装→开机→设置→注册</div>

安装：安装时，应使GPS天线面朝向天空，安装位置上方必须是没有电磁波吸收的物质（如金属、防爆隔热膜）遮挡的地方。

开机：按正确方向装上SIM卡，按终端接线示意图接好线，然后拨动电源开关开机。

设置：必须要做，否则无法进行其他操作，使用车主手机向终端SIM卡号发送短信设置车主号码和特定号码。

注册：注册方法依据经销商的平台不同，注册方法也不相同，请咨询经销商。

四、终端操作说明

4.1 短信指令

用户使用手机发送短信指令到定位终端SIM卡号（注意需要SIM卡支持短信功能）。

以下短信指令格式中的逗号为英文输入状态格式，字母按指令要求分大小写。

常用查询功能	短信指令格式	设备回复
终端状态查询	CXZT	版本、ID、IP 等信息
经纬度链接查询	G1234	谷歌链接地址
重启设备	CQ	CQ OK
恢复出厂设置	FORMAT	FORMAT OK
修改 APN	APN,123456,cmnet	APN SET OK
修改 APN 用户名	APNUSER,123456,user	APNUSER SET OK
修改 APN 密码	APNPASSWD,123456,password	APNPASSWD SET OK
上传时间设置	FREQ,123456,30	FREQ SET OK
服务器 IP 端口修改设置	IP+空格+IP 地址+空格+端口号 例子：IP 106.3.230.234 8185	IP SET OK

4.2、客户端应用操作

登录位置服务平台：

　　用户可登录经销商提供的全球定位服务平台来查看车辆的位置与状态，并进行相应的操作，服务平台网址请咨询您的经销商。

1.电脑登录查平台方法：

个人用户请用设备 ID 号码登录，ID 号码在设备机身和包装盒子上，登录平台的时候请选择，IEIM/车牌号登录。密码出厂默认为：123456！

企业用户和车队用户请选择用户名登录。用户名，密码由经销商设置，请联系各自经销商分配！

2.手机 APP 车方法：

安卓 APP 扫描二维码扫描下载，苹果手机在苹果应用市场搜索 APP 名称下载。

个人用户请用设备 ID 号码登录，ID 号码在设备机身，和包装盒子上，登录平台的时候请选择，IEIM/车牌号登录。密码出厂默认为：123456！

企业用户和车队用户请选择用户名登录。用户名，密码由经销商设置，请联系各自经销商分配！

五、故障排除

　　在操作终端时，发现设备不正常工作，请参阅下列问题及解决方案；若仍不能解决问题，请与经销商取得联系。

常见问题	发生问题	解决办法
信号接收不良	在接收不良的地区使用终端，如高楼附近或地下停车场，无线电波无法有效传达	位于信号良好的位置使用终端
首次安装平台显示	SIM 卡未装好	正确安装 SIM 卡

未启用	指示灯不亮	进行充电
	指示灯闪烁	检测 SIM 卡状态
	SIM 卡未开通 GPRS 功能	请联系服务商开通 GPRS
平台地图显示位置不正确	GPS 未定位	请到室外空旷的地方进行定位
	终端安装好后车辆静止不动	把车开到室外跑几圈
平台显示离线状态	SIM 卡欠费或被取消 GPRS	请检查 SIM 卡状态
	掉线区域信号弱	请到信号强的地方重试

保修卡

合格证
QUALIFIED CERTIFICATE

检验员：
(CHECKER)_____ ⑦

特别声明：
1. 若本产品日后有任何技术变更，恕不另行通知。
2. 产品外观、颜色如有改动，以实物为准。
3. 保修卡只适用于下述所列 IMEI 号机子的三包服务。
4. 请妥善保管此维修卡，保修时请出示此卡及原购买单据。
5. 具体保修范围请参见下表说明。

此卡为保修的基本凭证，请用户认真填写此卡并妥善保存。

用户姓名		联系电话	
通讯地址			
产品型号		IMEI 号	
购机日期		发票号码	
销售单位名称			
销售单位地址			
销售单位电话			

1. 自购买之日起，非人为损坏故障保修一年；
2. 属于下列情况之一的，不在保修范围内，但可付费维修；
（一） 超过保修期限；
（二） 未经我司授权，擅自拆卸或维修造成损坏；
（三） 浸水，电路板烧毁；
（四） 因安装、使用、维护、保管不当造成损坏的；

（五） 使用过程中引起的产品外壳损坏；

（六） 产品内部 IMEI 号被撕去或模糊不清；

（七）保修凭证与产品型号不符或保修凭证被涂改；

（八）因不可抗力造成的损坏。

Wireless Smart GPS Tracker

User Manual

(Version 2.3)

Please read the user manual carefully before installation, so that you can get the correct installation method and quick operation. If the appearance and color of the product are changed, please refer to the actual product! If the software version was updated, please refer to the latest version of the software. The company does not bear legal responsibility for faults and omissions in the process of operation.

1. Product functions & parameters

1.1. Product functions:

Location query, historical route playback, geo-fence, inflection point supplementary transmission, blind zone supplementary transmission, parking report, low battery alarm, overspeed alarm, movement alarm, dismantling alarm (optional), remote audio pickup (optional), voice broadcast (optional), temperature measurement (optional), etc.

(Note: Different models with different functions, please refer to corresponding models for functions.)

1.2. Product parameters:

●Network standard: 4G, 3G, 2G (optional);

●Charging requirement: 5VDC -1000mA;

●Positioning time: average hot start: ≤3sec(open sky)

Average cold start: ≤35sec(open sky)

●Positioning accuracy: ≤10m (open sky)

●Working temperature: -20℃-70℃

PLEASE note: Please install and use within the tolerance range of the equipment, if illegal installation exceeds the equipment performance tolerance range, all the consequences caused by the user shall be borne by themselves!

二、 Product accessories and LED light status

2.1 Product accessories:

Standard: GPS tracker/charging cable/user manual

2.2 GPS tracker LED light status

2.2.1 Red LED light (power supply/charging indicator)

Light status	Meaning
On all the time	charging
off	Not charged/full charged/shutdown

2.2.2 Yellow LED light (network signal status)

Light status	Meaning
Flashing	Network initialization
On all the time	Normal network communication
off	Sleep/shutdown

2.2.3 Blue LED light (location signal status)

Light status	Meaning
Flashing	location signal searching
On all the time	Located successfully
off	Sleep/shutdown

三、 GPS tracker installation guidance

3.1   Preparation before installation：

① Open the packing box and check model, accessories are correct or not, otherwise please contact your dealer.

② SIM card selection, the terminal needs to insert a standard SIM card.

③ For the installation of the SIM card, confirm the orientation of the SIM card according to the type of the SIM card slot of the device, and place the SIM card correctly

Note:

⑴   Before installing or removing the SIM card, please switch off the power.

⑵   Please active the GPRS function of the SIM card.

⑶   Please active the caller ID display function of the sim card for remote monitoring (select to enable or not according to the function required by the customer).

⑷ If your SIM card has been turned on and asked to enter the SIM PIN, please refer to your mobile phone user manual to turn off the SIM PIN input function.

(5)   Please make sure that the SIM card has charges.

3.2 installation

The GPS device should be installed at hidden positions. We highly suggest that installed by professional technicians. Please note below items:

1. Installation position should be as concealed as possible, and be waterproof.

2. Keep away from emission sources, such as reversing radar, anti-theft device and other vehicle-mounted communication equipment.

3. The device finished with built-in GSM antenna and GPS antenna. When installing, make sure that the front is facing upward (toward the sky), and there is no metal object upside.

The recommended installation position as below:

⑴The hidden place in the decorative panel under the front windshield of the car.

⑵Hidden places around the front dashboard of the car (the skin is made of non-metallic material).

(3) Under the decorative panel under the rear windshield of the car.

⑷Inside the car door or the center pillar.

(6)   In the dashboard of the electric vehicle/motorcycle or the hidden place under the rear seat.

3.3 Steps for the correct use of the product

Installation→Startup→Settings→Registration

Installation: When installing, make sure the GPS antenna face the sky, and the place above the installation location must be covered by materials that do not absorb electromagnetic waves (such as metal, explosion-proof insulation film).

Startup: Install the SIM card in the correct direction, and then switch on.

Settings: It must be done, otherwise no other operations can be performed. Use the owner's mobile phone to send a SMS command to the SIM card number in the GPS device to set the owner's number and specific number.

Registration: The registration method depends on the dealer's platform, and the registration method is also different. Please consult the dealer.

四. GPS operation instructions

4.1 SMS command

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

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

Common query functions	SMS command format	Device reply
GPS tracker status query	CXZT	version、ID、IP etc…
Longitude and latitude link query	G1234	Google link address
Reboot the device	CQ	CQ OK
Reset	FORMAT	FORMAT OK

Revise APN	APN,123456,cmnet	APN SET OK
Revise APN user name	APNUSER,123456,user	APNUSER SET OK
Revise APN password	APNPASSWD,123456,password	APNPASSWD SET OK
Upload time interval	FREQ,123456,30	FREQ SET OK
Revise ip and port	IP+blank+IP+blank+port Example：IP 106.3.230.234 8185	IP SET OK

4.2 Platform operation guidance

Login the tracking platform:

Users can log in to the global positioning service platform provided by the dealer to check the location and status of the vehicle. For the service platform website, please consult your dealer.

1. login and check on web platform:

If individual users, please log in with the device ID number. The ID number is on the GPS device and packaging box. When logging in to the platform, please select IEIM/license plate number to log in. The default password is: 123456.

For enterprise users and fleet management users, please log in by user name. The user name and password are set by the dealer, please contact the respective dealer to assign.

2. Login by Mobile APP:

If Android system, please scan the QR code download, and if Apple mobile phone user can search the APP name in the Appstore to download.

If individual users, please log in by the GPS device ID number. The ID number is on the GPS device and packaging box. When logging in to the platform, please select IEIM/license plate number to log in. The default password is: 123456.

If enterprise users and fleet management users, please log in by user name. The user name and password are set by the dealer, please contact the respective dealer to assign.

5. Trouble shooting.

Trouble shooting

When operating the GPS device, if it is not work properly, please refer to the following problems and solutions; if the problem still cannot be solved, please contact the dealer.

Common Problems	Reasons	Solutions
Poor signal	Test at areas where there are high buildings or underground parking lots, where radio waves cannot be sent or received normally.	Use it at a good signal place
platform shows device	Main power supply connected	Do not connect to the main

not activated after first installation	correct or not	control line of the vehicle
	SIM inserted not correct	Check the SIM card
	Check LED status	Check if the indicator is blinking or steady
	SIM without GPRS activated or SIM card out of charge.	Please contact carrier to activate GPRS or charge
	Ip and port not correct (can check by SMS command)	Revise the ip and port by SMS command
Platform map shows incorrect location	GPS not locate	Please go to outdoor place where GPS signal is good
	Vehicle did not move after installation	Please drive the vehicle on the road
	ACC connected or not	Connect the device and turn on ACC
Platform shows the main power disconnect	Poor power supply connection	Check whether the power supply line of the device connected correct or not
Platform shows device offline	SIM card out of charge, or GPRS was canceled	Please check your SIM card
	Weak signal area	Please try again at good signal area

Warranty card
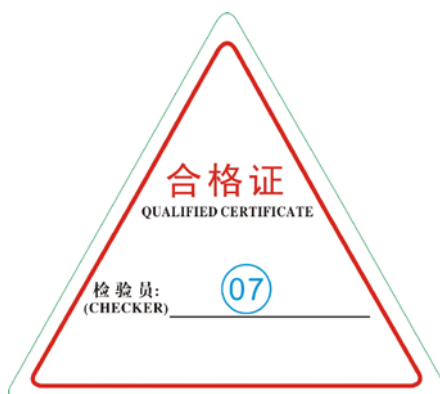
Special statements:

1. If there is any technical modification for this product in the future, no further notice.

2. If the appearance or color of the product were changed, please refer to real product.

3. The warranty card is only applicable to product with IMEI number listed as below.

4. Please keep this card in good condition. Please present this card and the original purchase receipt when you apply warranty.

5. Please refer to the table below for the warranty range.

This card is the basic proof of the warranty. Please fill in the card carefully and keep it in good condition.

User Name		Telephone Number	
Address			
Model No.		IMEI	
Purchasing Date		Commercial invoice No.	
Seller Name			
Seller Add			
Seller Tel			

3. One year from the date of purchase, the non-human damage failure is guaranteed for one year;

4. Any of the following conditions is not covered by the warranty, but can be repaired if you pay the cost

   (1) Exceeding the warranty period;

   (2) Damage caused by unauthorized disassembly or repair without the authorization of our company;

   (3) immersed in water and the circuit board was burnt;

   (4) Damage caused by improper installation, use, maintenance or storage;

   (5) damage of outer casing caused by the improper use;

   (6) The IMEI number of the product is torn or blurred;

   (7) The warranty card and product model No. not match, or the warranty card was altered;

   (8) Damage caused by force majeure.