

车载定位通讯终端

快速 使用 指南

(版本 V2.6)

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、电压检测、超速报警、位移报警、断电报警（选配）、SOS 紧急求救（选配）、语音播报（选配）、温度检测（选配）、远程断油电（选配）、油量检测（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：

- 宽电压输入范围：9-50V/9-75V/9-95V(可选) ；
- 定位时间：平均热启动：≤3sec(open sky)
平均冷启动：≤35sec(open sky)
- 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/电源线/快速安装指南/双面贴
选配:SOS 按钮、继电器。

2.2、终端 LED 状态

2.2.1 红色 LED(电源/工作状态)

灯的状态	含义
常亮	正常工作
不亮	关机

2.2.2 黄色 LED(网络信号状态)

灯的状态	含义
2 秒内快闪 1 次	网络初始化
常亮	网络通讯正常/已经上线
不亮	休眠/关机

2.2.3 蓝色 LED(定位信号状态)

灯的状态	含义
2 秒内快闪 1 次	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：

- (1) 在安装或取出 SIM 卡前，请先将终端的电源切断；
- (2) 终端 SIM 卡需要开通联网功能；
- (3) 若您的 SIM 卡已开启要求输入 SIM PIN，请参考您的手机用户手册将输入 SIMPIN 功能关闭；
- (4) 请确保终端 SIM 卡未停机。

3.2、安装

终端安装建议由专业机构进行。

注意如下事项：

- ① 安装时注意防水；
- 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 设备内置有网络天线和定位天线，安装时应确保定位天线接收面向上（朝天空），且上方无金属物屏蔽。

3.3、终端出线定义

- ① 请选用原厂提供的电源线，红色线为电源正极，黑色为电源负极；安装时电源负极请选择单独接地或搭铁，勿与其他地线共接；
- ② ACC 线（橙色线）接车辆的 ACC 开关；需要 ACC 自动防盗功能的，务必接上 ACC 线，设备将 ACC 状态来决定是否进入设防状态；若不接 ACC 线，会使车辆进入设防状态，在设防状态下车辆运行中发生震动，将会触发震动报警。
- ③ 断油电控制线（黄色线）接断电器上的细黄线（选配）。

（注：不同机型线束有所不同，具体线束以实物为准。）

3.4、产品的正确使用步骤

安装→开机→设置→注册

- 安装：安装时，应使定位天线面朝向天空，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
点火/运动上传时间设置	FREQ, 123456, 30	FREQ SET OK
熄火上传时间设置	STATIC, 123456, 40	STATIC 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 888. 88. 888. 888 8888	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！

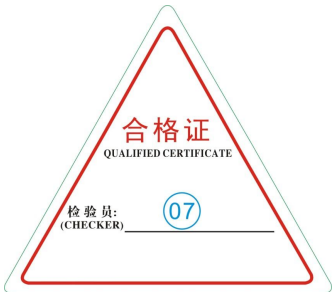
企业用户和车队用户请选择用户名登录。用户名，密码由经销商设置，请联系各自经销商分配！

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
首次安装平台显示未启用	主电源线未接正确	找到正确的线路重新接线
	SIM 卡未装好	检查 SIM 卡，并正确安装
	SIM 卡欠费	请联系服务商进行续费
	SIM 卡未开通 GPRS 功能	请联系服务商开通 GPRS
	IP 端口不正确（可通过指令查询）	发送短信指令修改 IP 端口
平台地图显示位置不正确	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	把车开到路上跑几圈
	ACC 线是否有接	接好终端插入车钥匙打开 ACC
平台显示主电断开	电源线接触不良	找到正确的线路重新接线
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



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 ID 号设备的三包服务。
- 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管。

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。			

Vehicle-mounted Positioning Communication Terminal

User Manual

V2.6

Please read the user manual carefully before installation, so as to get the correct installation method and quick operation. If the appearance and color of the product are changed, please refer to the actual product!

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, voltage detection, overspeed alarm, displacement alarm, power failure alarm (optional), SOS emergency (optional), voice broadcast (optional), temperature detection (optional), remote oil and electricity cut off (optional), fuel level detection (optional)etc.

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

1.2 Product parameters

- Network standard: 4G, 3G, 2G (optional)
- Wide voltage input range: 9-50V/9-75V/9-95V (optional);
- Positioning time: average hot start: ≤3sec(open sky)
average cold start: ≤35sec(open sky)
- Positioning accuracy: ≤10m (open sky)
- Working temperature: -20℃-75℃

(Important tips: Please install and use correctly within the tolerance range of the equipment performance, if any illegal installation exceeds the equipment performance tolerance range, all the consequences caused by the user shall be borne by themselves!)

2. Product accessories and LED status

2.1 Accessories:

Standard: location tracker/harness/user manual/double-sides sticker

Optional: microphone, SOS button, relay.

2.2 LED status of location tracker

2.2.1 Red LED (power supply/working status)

LED status	Meaning
On all the time	Working normally
off	shutdown

2.2.2 Yellow LED (GSM signal status)

LED status	Meaning
Fast flash 1 time within 2 seconds	Network initialization
On all the time	GPRS communication normally/online
off	GSM sleep/shutdown

2.2.3 Blue LED (location signal status)

LED status	Meaning
Fast flash 1 time within 2 seconds	location signal searching
On all the time	location located
off	sleep/shutdown

3. location tracker installation instructions:

3.1 Preparation before installation:

- ① Open the box, check whether the device model is correct and the accessories are complete, otherwise please contact your dealer;
- ② SIM card selection, the terminal needs to insert a standard SIM card and select the supported carrier SIM card.
- ③ SIM card installation, according to the type of SIM card slot of the device, confirm the direction of the SIM card and place the SIM card correctly.

Attention:

- (1) Before installing or removing the SIM card, please cut off the power of the terminal;
- (2) The terminal SIM card needs to be enabled for networking;
- (3) If your SIM card has been enabled to require SIMPIN input, please refer to your cell phone user manual to turn off the SIMPIN input function;
- (4) Please ensure that the terminal SIM card is not deactivated.

3.2 installation

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

- ② 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 location 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:

- (1) The hidden place in the decorative panel under the front windshield of the car.
- (2) Hidden 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.
- (4) Inside the car door or the center pillar.
- (5) In the dashboard of the electric vehicle/motorcycle or the hidden place under the rear seat.

3.3、Definition of the cables

3.3.1 Please use the power cable provided by the original factory. The red cable is the positive pole of the power supply, and the black is the negative pole of the power supply. When installing the negative pole of the power supply, please choose separate grounding or grounding. Do not connect it with other grounding wires.

3.3.2 ACC cable (orange cable) connects to ACC switch. If the ACC automatic anti-theft function is required, the ACC line must be connected, and the device will determine whether to enter the fortified state according to the ACC state; if the ACC line is not connected, the vehicle will enter the fortified state. When the vehicle is running in the fortified state, vibration will trigger the vibration alarm.

3.3.3 The oil and electricity control cable (yellow cable) should be connected to the thin yellow cable on the relay (optional).

(Note: The wiring diagrams are different if different, the specific wiring should refer to the actual product.)

3.4 Steps for the correct use of the product: install → start → set → register

Install: When installing, make sure the location 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).

Start: Install the SIM card in the correct direction, connect the wires according to the wiring diagram, and then switch on.

Set: It must be done, otherwise no other operations can be performed. Use the owner's mobile phone to send a text message to the location device SIM card number to set the owner's number and specific number.

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

4. location tracker operation instructions

4.1 SMS command

The user uses the mobile phone to send SMS command to the SIM card number of location 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
Terminal status query	CXZT	Version, ID,IP, etc...
Longitude and latitude link query	G1234	Google address link
reboot 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
Ignition/running upload interval time setting	FREQ,123456,30	FREQ SET OK

Flameout upload interval time setting	STATIC,123456,40	STATIC SET OK
Revise ip and port of server	IP+blank+IP address+blank+port example: IP 106.3.230.234 8185	IP SET OK

4.2 App operation

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 location 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 location device ID number. The ID number is on the location 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.

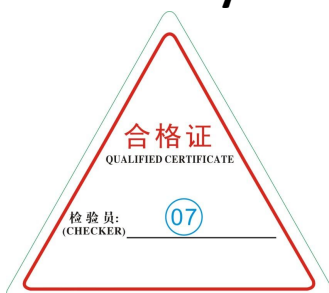
Trouble shooting

When operating the tracker 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 not activated after first installation	Main power supply connected correct or not	Do not connect to the main 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	location not locate	Please go to outdoor place where location 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.