



微信定位
Scan for Wechat



手机APP
Scan for APP installation



重要提示,请认真阅读:

- > 本移动防盗定位器是设计用于人员或贵重物品的定位,对侵犯他人隐私的行为概不负责。
- > 所有 GPS 定位相关的产品都会因外在因素产生误差,因此本机提供位置信息仅供参考。因为电信运营商的缘故,在部分情况下,信息传送可能会延迟,本公司对使用者的人身和财产安全免责。

主要功能:

- GSM 四频 +GPS 全球定位
- 网站平台/手机 App/微信/SMS 查询位置信息
- 轨迹回放/电子围栏
- 门磁感应/震动感应/声音感应 三重防盗报警
- 移动电源/LED 手电筒
- 超长待机一个月
- 本地高频蜂鸣器报警提示
- 语音监护
- 低电量报警/换卡提示

产品规格:

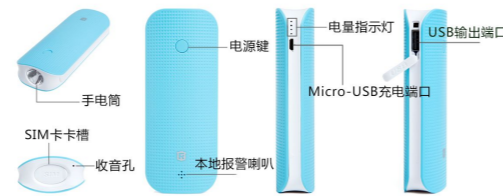
GSM频段: 850/900/1800/1900MHz
GPRS标准: Class 12, TCP/IP
GPS定位时间: 冷启动 30sec(户外开阔天空)
 温启动 29sec(户外开阔天空)
 热启动 5sec(户外开阔天空)

GPS定位精度: 10-15米(户外开阔天空)
工作温度: -20°C ~ +70°C
工作湿度: 5% ~ 95% RH
产品尺寸: 12.2(长)x5.1(宽) x2.5(高)cm
产品净重: 130克
移动电源额定输入: DC5V=2A
移动电源额定输出: DC5V=2A
额定容量: 4500MA

配件:

- GPS 移动电源主机一台
- USB 充电线一条
- 磁盒一个
- 支架一个
- 说明书一本

产品示意图:



使用前准备:

✓本产品具备移动电源功能,请按示意图指示接口对本产品进行充电,或为其他电子产品充电。(对外充电时,请注意本机的电量显示窗口,如只有一格电量时,请先给本机充满后,再为其它电子产品充电,这样有利于自身电池的保养。)

✓本产品 GPS 定位及报警功能需要使用 GSM 网络的 Micro-SIM 卡(iphone4 同类型),并请开通来电显示及 GPRS 数据流量(30 兆即可)。

电源键操作使用说明:

- 一、GPS 主机开/关机
- 1、把底部胶塞打开后,按指示方向正确的插入 SIM 卡暂时不要关闭胶塞;
- 2、长按电源键 3--5 秒,开机成功;(开机有三声蜂鸣音)
- 3、开机状态,按电源键 3--5 秒钟,底部蓝色及黄色灯同时亮约 15 秒,然后同时熄灭,则成功关机。(无铃音提示)

GPS 功能指示灯说明:

灯	功能	慢闪	快闪	灯灭
蓝色	GPS 指示灯	GPS 定位中	定位成功	GPS 休眠
黄色	GSM 指示灯	GSM 搜网	搜网成功	GSM 休眠

二、手电筒功能

- 1、短按电源键 1 秒钟打开/关闭手电筒;
- 2、电量指示灯说明:满电状态是 4 格都亮,如果只有一格有光亮,就代表电池容量已经较低,请及时充电,以防影响本产品自身电池的寿命。

智能手机 APP 绑定及功能设置:

- 1、扫描说明书中的二维码,或在苹果商店搜索 reachfar,下载 APP 手机客户端;
- 2、输入 10 位数 ID 号码,初始密码为 123456,即可登录;
- 3、确认设备在线,即可进行对应的指令设置。



- > **实时追踪:**实时显示设备最新的定位位置;
- > **历史轨迹:**分时段查看设备的历史轨迹;
- > **电子栅栏:**设置或者取消电子栅栏区域;
- > **设备消息:**显示设备的报警列表;
- > **报警提醒:**是否接收报警信息的 APP 推送;
- > **注销:**退出 APP 程序,不再接收 APP 的报警推送。

指令设置:对 GPS 及防盗功能进行设置

设置	说明
设备信息	1.GPS 定位间隔: 调整 GPS 上报位置的间隔,间隔越短,定位越准,但待机时间也相应越短,请按实际需要选择;
修改密码	
设置SOS1号码	2.SOS1 号码: 是主控号码,用于发送指令及接收报警信息;
其他白名单号码	3.白名单号码: 只有白名单内号码才可以拨打本 GPS 移动电源内号码,收听环境声音;
设防	
撤防	
报警方式	
时区	

4.设防/撤防:打开或关闭相关传感器的报警功能。本产品备用三种传感器,可同时工作;

- > **门磁感应:**门被打开/关上时报警;
- > **震动感应:**受到震动时报警;
- > **声音感应:**有异常声响时报警。

5.报警方式:

- > **只上传到平台:**当有警情发生时,只通过 APP 报警。如 APP 没有登录则不能即时收到报警提示。(只有流量费,不产生其他费用)
- > **先短信,后电话再上传平台:**当有警情发生时,3 种方式全部通知。(会产生相应的短信费和话费)
- > **电话和平台报警:**当有警情发生时,先打电话并有 APP 通知。(如果接听电话则会产生话费)
- > **短信和平台报警:**当有警情发生时,手机短信报警及 APP 通知。(会产生相应的短信费用)

- 6.本地报警:打开或关闭本产品自带高频蜂鸣器的报警。
- 7.短信语言设置:选择短信报警的语言种类,本产品提供三种语言模式:中文,英文及法语
- 8.时区:出厂默认为 UTC+8 北京时间,如果出国使用可跟据当地时区进行设置。

更多 APP 及平台详细功能请登录 www.rfgsm.net 了解!

短信指令:

所有指令中的字母全部小写,标点为英文状态下的逗号,并且都以#号为结束符。

绑定 SOS1号码:短信指令: 密码,sos1,手机号码#
例如: 123456,sos1,180*****# 定位通讯器即回复:**已设置 180*****为主控号码。**

特别提示:其他短信指令必须通过 SOS1号码才能进行设定。

短信指令	功能
密码,sos1,号码#	设置主控号码
sos2,号码#	设置 sos2号码,sos3,sos4,sos5用同样的方法设置
dw#	查询定位通讯器位置
don#	开启门磁感应防盗报警功能
doff#	关闭门磁感应防盗报警功能
von,数字#	开启震动感应防盗报警功能,数字为1时,灵敏度最高,数字为4时,灵敏度最低:即 von,1#
voff#	关闭震动感应防盗报警功能
non#	开启环境声音感应报警功能
noff#	关闭环境声音感应报警功能
hon#	启动本地报警功能,蜂鸣器打开
hoff#	关闭本地报警功能,蜂鸣器关闭
mod,数字#	设置防盗报警的报警方式,1为先发短信再打电话(出厂默认);2为只打电话;3为只发短信
dsp#	查询设备工作状态
lag,数字#	1、系统语言转为中文(出厂默认);2、系统语言转为英文;3、系统语言转为法文
tim,数字#	更改定时定位的间隔,单位为分钟(出厂默认10分钟)
gon#	开启定位(出厂默认)
goff#	关闭定位
reboot#	远程重启 GPS 主机
reset#	恢复出厂参数

注意事项:

- ◆ 请将本产品安放在网络信号较好的位置使用。
- ◆ 新机使用前需充电8小时,以达到最佳的效果。
- ◆ 待机时间:1)每10分钟上传一次定位信息,待机时间为30天,通话时间:60-80小时(实测);2)关闭定时上传定位信息,待机时间为约3个月。**注:以上测试数据来自 GSM 网络信号强的状态。**
- ◆ 使用产品时,为了避免降低电池寿命,请每三个月充、放电一次:完全放电、完全充电的循环操作。使用过程中,如果 LED 灯的亮度非常弱,电池处于完全放电状态。为了保护电池,应停止使用,必须及时充电。(充电时不能使用,否则电池很容易损耗)
- ◆ 本产品不防水,请在使用时注意防水。

常见问题:

- 问:**设备插卡后,能接通电话,但是在平台及 APP 上显示未启用。
答:请确认 SIM 卡已经开通了 GPRS 功能。
- 问:**设置白名单后,不能进行语音监护。
答:如果 SOS 号码与 RF-V20 卡号之间为集团短号,绑定号码时请输入对应的集团短号号码。
- 问:**设备显示在线,但用 APP 设置指令时,显示等待设备应答。
答:A.设备信号不良,导致 GPRS 通讯不畅通; B.设备正在通话中。
- 问:**设备 SIM 卡已经开通了 GPRS 功能,但是 APP 依然显示未启用。
答:因为移动和联通升级 3G 和 4G 后针对不同的 SIM 卡有不同的 APN,可能是预设 GPRS 的 APN 参数不正确。请先用短信方式绑定 SOS1 号码,然后再发送短信指令:
联通卡: apn,uniwap#,重启后依然不行则改发: apn,uninet#
移动卡: apn,cmwap#,重启后依然不行则改发: apn,cmnet#

GPS tracker & power bank

Important, please attention:

1. This tracker was designed for people and asset location, our company assumes no liability or responsibility for any behaviors violate other individual's privacy.
2. Due to external factors all GPS devices have position error, so the position provide by this device just for reference only.
3. There may be delays caused by telecom operators at certain circumstance. Our company doesn't assume liability for users' personal and property safety.

Main features:

- GSM quad band network, all global universal.
- Tracking Via website/IOS APP/Android APP/Wechat/SMS
- Trajectory playback /Geo-fence
- Magnetic sensor/vibration sensor/sound sensor, three types of anti-theft alarm
- Power bank/LED flashlight
- One month standby time
- High frequency buzzer alarm
- Voice monitor
- Low battery alarm
- SIM card changing alarm

Product specification:

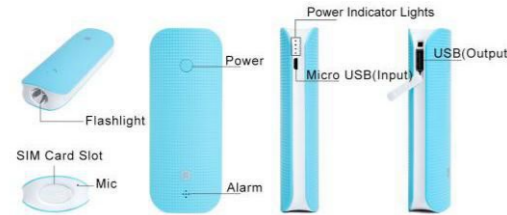
- GSM network: 850/900/1800/1900MHz
 GPRS standard: Class 12, TCP/IP
 GPS locating time:
 ● 30sec with cold boot (open sky)
 ● 29sec with warm boot (open sky)
 ● 5sec with hot boot (open sky)
 GPS positioning accuracy: 10-15m

Working temperature: -20℃ ~ +70℃
 Working humidity: 5% ~ 95% RH
 Dimension: 12.2*5.1*2.5cm
 Weight: 130g
 Input: DC5V=2A
 Output: DC5V=2A
 Capacity: 4500MA

Accessories

- 1* Main Host
- 1* USB charger
- 1* Magnet box
- 1* User manual
- 1* Holder

Product view:



Prepare for work:

1. Use the product as a power bank: Please charge the power bank or use the power bank charge the other electronic products as the illustration.
2. Please pay attention to the battery indicator lights zone, 4 lights on means full power, one light means low battery, when charge the other electronics, if just one light on, please charge the power bank first.
3. Use the product as a GPS tracker :Please choose GSM network Micro-SIM card (same as Iphone4) for the produc, and be sure the GPRS data and caller ID has been activated.

Power Button instruction

1.Power on /off GPS tracker

1. Please insert the Micro-SIM card as the instruction.(Be sure the GPS is power off)
2. Press power key for 3-5 seconds, power on. (With three gentle buzzer sounds)
3. Press power key for 3-5 seconds, both of the blue and yellow lights are lightening for 15 seconds and then lights out, power off successfully.

Light Color	Function	Slow Flash	Fast Flash	Close
Blue	GPS Indicator	GPS Searching	GPS Success	GPS Sleeping
Yellow	GSM Indicator	GSM Searching	GSM Success	GSM Sleeping

2.Flashlight function

Click the power key, the flashlight will on or off.

GPS function instruction :

APP binding and function setting:

1. Scan the QR code on the user manual cover or search the "Reachfar" in App store or Google play store to install the App.
2. Enter the ID number and password to login, the default password is 123456.
3. Confirm the device online, then you can set the device on APP.



- **Real-time tracking:** show the last position and trace.
- **Historical route:** display the historical.
- **Geo-fence:** set and display geo-fence area, when the device gets into or get out the geo-fence then it will send a alert SMS.
- **Device message:** display the alert list.
- **Alarm setting:** get the remind via APP when alarm
- **Logout:** logout the APP, and never get the alarm remind via APP.

➤ Setting (set the GPS and alarm funtion)



About the device

Change password

Set SOS1 phone number

The while list

Arm

Disarm

Alarm mode

Language of SMS

Time zone

1. Device info: check and mark the device information.
2.Change password: change the App and web login password.
3.Locate interval: set the location data upload density, shorter standby time according to shorter interval.
4.SOS1 phone number: button 1 phone number, also the master phone number, used to send command and receive alarm.
5.White list number: the other SOS number, also allow to remote listening.
6.Arm/Disarm: open or close related sensor alarm function.Smart door has three sensors ,can work at the same time;

- Magnetic sensor:when door open/close,it will alarm.
- Vibration sensor:when the device detect trembled,it will alarm.
- Sound sensor:when the device detect the abnormal sound, it will alarm.

7. Alarm Mode:

- Only APP: When there is an alarm, only through the APP alarm. If you don't login app, it can't receive alarm prompt.
- SMS, phone and APP: when there is an alarm, all three kinds notice. (will produce corresponding SMS messages and phone cost)
- Phone and APP: when alert occurs, first call and then APP notifications. (If the phone will produce cost).
- SMS and APP: when alert occurs, SMS alarm and APP notifications. (Will produce SMS cost)

8. Buzzer alarm: Open or close product high-frequency buzzer alarm.

9.Language Setting :

Choose SMS language, the device provide three languages: Chinese, English and French

10.Time zones :

The factory default is UTC+08:00; users can set it according to local time zone.

Please log on www.rfgsm.net to learn more details of APP and platform

All functions also can set by SMS command

All command use in lowercase letters, without any blank space and ending by #.

Command for setting master number:

password,sos1,phone number#

For example:123456,sos1,180*****#

The tracker will reply: 180***** has been set for the master number successfully.

Remark:

1. The tracker will boot automatically when it was charging. put the tracker in network signal better position when use.
2. The new machines need to be recharged for 8 hours before use in order to achieve the best results, please use our distribute charger avoid damage to the host.
3. Standby time:
 1) Upload location data every 10 minutes, the standby time

is 30 days, talking time is 60-80 hours (Actual test).

2) Turn off GPRS, the standby time is 3 months.

Note: Above test data is under the status of strong GSM network

4. When use the product, in order to avoid to reduce the battery life, please do completely discharge full charge cycle operation once every three months. In use process, if the brightness of the LED lights is very weak, the battery in a state of completely discharges. In order to protect the battery, should stop to use, must be timely to recharge.(in this case, do not use while charging, otherwise the battery is easy to loss)

5. This product is not waterproof, please pay attention when using.

FAQ

Q: After inserting a SIM card, it can make a call, but it display not enable on the platform and APP.

A: Please check that SIM Card has opened GPRS.

Q: In the DO NOT DISTURB mode, why any phone can call in.

A: Please check that SIM Card has opened caller ID.

Q: Device show online, but it shows "wait for the device responses" when you set instruction with APP.

A: a. Device signal is not good, so not smooth result of GPRS;

b. Device is busy.

Q: The SIM card has opened GPRS function, but the device still not online.

The tracker have pre-program all most APN, maybe the APN of the SIM card you use don't preset in the tracker, please set SOS1 number first and then send command to add you APN into the tracker.

The command is: anp,<apn>#

Note: All SMS setting must send via SOS1 number.

Command	Function
password,t,passwd	Change the password, factory default is 123456
password,sos1,number#	Set master number
sos2(3,4,5),number#	Set sos2 number
aj#	Set push to answer incoming call (factory default)
mt#	Auto-answer and hand free incoming call
jy#	Silence monitoring
dw#	Check the position
dsp#	Check the device work situation
lag,1#	Change the language to Chinese(factory default)
lag,2#	Change the language to English
lag,3#	Change the language to French
tim,digital#	Setting interval of the position data upload ,the unit is minutes (factory default is 10 minutes)
gon#	Turn on the tracking function(factory default)
goff#	Turn off the tracking function
lon#	Turn on the Indicator light (factory default)
loff#	Turn off the indicator light
dndoff#	Turn off DO NOT DISTURB in push-to-talk mode (factory default)
dndon#	Turn on DO NOT DISTURB in push-to-talk mode