

## **GPS Real time tracker SOS communicator**

### **Important .please read**

- This tracker was designed for people security and positioning , the company assume no liability or responsibility for any behaviors violate other individual's privacy.
- All GPS have some position error, the reference positions indicated by this product are for you reference only, may also have errors.
- There may be delays caused by telecom carrier at certain circumstance. Our company is exemption from liability to security of person and property.

### **Main Function**

- GSM quad-band network, GPS location
- Tracking via Internet / iphone app/ Android app / we chat / SMS
- Click for SOS
- Click for call
- 2 way communication
- Hand-free for talk
- Quiet care
- Low battery alert
- Change SIM alert

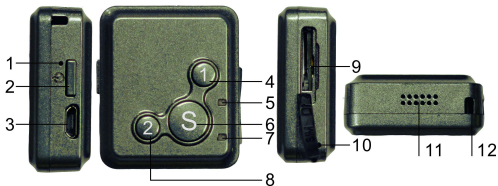
### **Accessories:**

- 1\* Host
- 1\* Charger
- 1\* USB cable
- 1\* User manual

## 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 ptemerature: -20℃ ~ +70℃
- Working humidity: 5% ~ 95% RH
- Host size: 40x34 x14mm
- Host weight: 27g

## Product View



Item	Function	Item	Function
1	Reboot hole	2	Power key
3	USB charger hole	4	Key 1
5	GSM light	6	SOS key
7	GPS light	8	Key 2
9	SIM Card slot	10	microphone
11	speaker	12	Hang rope hole

Photos are for reference only, please in kind prevail.

## Prepare for work

Please choose GSM network-based Micro-SIM card (same like Iphone4) for the product. And please note:

- Please be sure the tracker is turn off before insert or take out the Micro-SIM.
- Please be sure the GPRS and Caller id has been activated

## Power on /off

Please insert the Micro-SIM card into the card slot as directed.

Press the POWER key for 3 sec, then the tracker will ring and light on.

## Indicator light show

Cloure	Blue	Yellow
function	GPS status	GSM status
Slow flash	Searching GPS	Searching GSM
Fast flash	GPS located	GSM ready
Close	GPS sleeping or not located	GSM sleeping or no GSM signal

## Platform tracking

Please visit [www.gps123.org](http://www.gps123.org), use the ID number login the platform, password is 123456, you can tracking the tracker, playback history and set Geo-fence etc..

## Function setting

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

All command will setting via master number.

For safety reason, there are password for setting master number. The factory password is 123456.

### **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.

### **Switch language ,setting by master number**

➤ **lag,1#** change the language to Chinese.(default)

➤ **lag,2#** change the language to English.

➤ **lag,3#** change the language to French.

### **Set SOS number:**

Command for setting all SOS number in one SMS:

**sos2,number2,sos3,number3,sos4,number4,sos5,number5#**

For example:

sos2,13600000000,sos3,13700000000,sos4,13800000000,sos5,13900000000# .

Tracker reply: Emergency contact number 2,3,4,5 has been set successfully.

Command for setting single SOS number:

**sos2(3/4/5),number#**

For example:sos2,13600000000#

Tracker reply:Emergency contact number 2 has been set successfully.

Command for empty master and SOS number: **reset#** ,

the tracker replay:The device will be reset to factory default.

### **Make call and SOS help**

Click **key 1** will call master number.

Click **key 2** will call SOS2 number.

Press **Key S** for 5sec will make sos help call. Then all of the SOS number will receive SMS as:SOS! Link to my current location: <http://.....> and the tracker will call all SOS number 2 times in turn.

### **Answer incoming call:**

**aj# for push-to-talk:** (default)

Press any key answer incoming call when the tracker is ringing.

Press power key to refuse incoming call.

**mt# for auto-answer (hands-free):** then the tracker will auto-answer incoming call with all SOS number ,the caller can listen and talk with tracker owner.

### **jy# for silent monitoring:**

then the tracker will auto-answer incoming and keep speaker silent with all SOS number, the caller can listen the sound around the tracker.

### **Check function**

**dw# for check the position**

Tracker reply the current position.

### **dsp# for check tracker setting and situation:**

tracker will reply:IDI:6401010011, GSM signal: strong;GPS signal : valid; Battery life : 80%; Operating mode: push-to-talk; tracking:ON.

Note:Most of the time the GPS is sleep. So normal the GPS situation is invalid.

### **Other function**

#### **Setting interval of the position data upload:**

**tim,digital#**

Fox example: tim,20#

That means the tracker per 20 minutes uploading one time position data.(factory default is 10 minutes)

#### **Turn on /turn off data upload**

**gon#** for turn on data upload: (factory default)

**goff#** for turn off data upload :

With in goff#,it will return map link when check position by dw#.

## **Turn on / turn off DO NOT DISTURB**

**dndoff#** for turn off DO NOT DISTURB, then any phone can call the RF-V16 in **push-to-talk mode**(factory default)

**dndon#** for turn on DO NOT DISTURB, then only SOS number can call the RF-V16 in **push-to-talk mode**

## **Turn on / turn off indicator light**

**lon#** for turn on indicator light (factory default).

**loff#** for turn off indicator light .

## **Change password**

Command for change password :

**password,t,new password#**

For example:123456,t,456789#

The tracker reply:Your password has been successfully changed to 456789. Please keep it confidential.

## **Setting APN data**

The tracker have pre-program all most APN, if need add APN into the tracker, command is :

**apn,<apn>,user,<user>,pd,<password>,pip,<pip>,pport,<pport>,plmn,<plmn>#**

If the APN is no need user,password ,and server ip,server port,ect .

The command is: anp,<cmnet>#

Reply information for successful setting:OK.

## **Alert function**

**Low battery alert:** when the battery is low than 10%,the tracker will send SMS:Less than 10% of battery is left. Please charge the device mediately.

**Change SIM alert:** when the SIM was changed the tracker will send SMS:Alert,SIM card has been changed.

## **Remark**

- The tracker will boot automatically when it was charging.
- Please put the tracker in network signal better position when use.
- The new machines need to be recharged for 3-4 hours before use in order to achieve the best results, please use our distribute charger avoid damage to the host.
- Standby time:
  - 1)50 hours with per 10 min upload data one time .
  - 2) 350 hours with never upload data. (depending on the local network signal ),base on good GSM network.
- Please charging and boot with SIM card, the device will automatically reboot when it can not search GSM network.

**Thanks!**

## Command for SMS setting

Command	Function
password,t,pa ssword	Change the password, factory default is 123456.
password,sos 1, 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 Russian.
tim,digital#	Setting interval of the position data upload. (factory default is 10 mins)
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