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
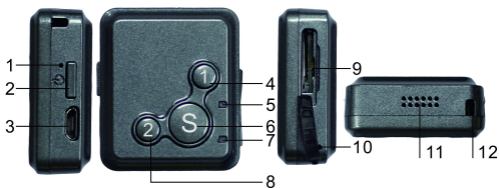- Quiet care
- Low battery alert
- Change SIM alert

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 for the product. And please note:

  a. Please be sure the tracker is turn off before insert or take out the Micro-SIM.
  b. 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

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

Platform tracking

Please visit www.gps123.org, use the ID number login the platform, password is 123456, you can tracking the tracker and playback history .

please ask your agent to get the platform user account for more function as geo-fence,system setting,etc..

Function setting via SMS

All command use in lowercase letters and ending by #.

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,sos1,18028758770#
The tracker will reply:18028758770 has been set for the master number successfully.

Switch language ,setting by master number
➢ Send **lag,1#** change the language to Chinese.(default)
➢ Send **lag,2#** change the language to English.
➢ Send **lag,3#** change the language to French

Set SOS number:
Command for setting SOS number by master number:
sos2,number,sos3,number,sos4,number,sos5,number#
For example:
sos2,13600000000,sos3,1370000000,sos4,1380000000,sos5,1390000000# .
Tracker reply: Emergency contact number 2,3,4,5 has been set successfully.

Command for setting SOS number by other 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 by

master:**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:
push-to-talk
Press any key answer incoming call when the tracker is ringing.
Press power key to refuse incoming call.

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

silent monitoring:send command **jy#** by master, 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
Check the position
Command by master number :**dw#**
Tracker reply the current position .

Check tracker setting and situation:
 send **dsp#** by master,
tracker will reply:IDI:6401010011, GSM signal: strong;GPS signal：valid; Battery life：80%;

Operating mode: push-to-talk; tracking:ON.

Other function

Setting interval of the position data upload
Command by master:**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
Command for turn on data upload by master:**gon#** (factory default)
Command for turn off data upload by master:**goff#** ,in this state ,it will return map link when check position by dw#.

Turn on / turn off indicator light
Cammand for turn on indicator light by master:**lon#**(factory default)
Cammand for turn off indicator light by master:**loff#**

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-programed all most APN, if need add APN into the tracker, command for APN setting by master:
apn,<apn>,user<user>,pd,<password>,plmn,<pl

mn>#
For example:**apn,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 immediately.
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)

Thanks!

Command for SMS setting

Command	Function
password,t,password	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
lag,1#	Change the language to Chinese(factory default)
lag,2#	Change the language to English
lag,3#	Change the lauguage 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

Information to Users

According to the FCC Part 15.19, 15.21, and 15.105 rule, for this EUT, the instructions or operation manual furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

FCC RF Exposure Information and Statement

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types RF-V16 (FCC ID: 2ABEYRF-V16) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the body is 0.3106W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is
   connected.
-Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.