Android / iOS

Version 1.0

Home Security Alarm System user's manual



To use this product better, please read the manual carefully before use and keep it properly.

Preface

Thanks for using our products, This system will provide full protection in 24hours for your house and property.

The wireless alarm system adopts advanced digital security technology. It is high reliability and low false alarm rate. Though the design is simple, the function of the system is very strong. It includes the functions of anti-fire, anti-burglar, anti-gas leakage , anti-intrusion, and SOS Emergency etc. The wireless detectors which pair with the system have the humanized functions of anti-interference, avoiding the false alarm etc. The alarm systems have been used widely in home, shop, financial office, villa, and apartment etc all over the world.

To ensure your safety and the proper using the system, please read the user manual carefully before the installation. If you encounter any problems of installing or operating, please contact the local distributor or authorized technology service center for consult. You can also call the after- sale service phone numbers of our company. Our professional engineer will help to solve your problems.

Content

1. Function Instruction 3
2. Alarm Host Diagram 4
3. Boot Precautions 8
4. Daily Operation 9
4.1 Away Mode 9
4.2 Disarm Mode 9
4.3 Home Mode 10
4.4 SOS 10
5. Answer the alarm call 11
6. Remote Control 11
7. Make Phone Calls Through Host 12
8. System Settings 13
8.1 The method of APP configuration 13
8.2 Set alarm call numbers and SMS numbers 18
8.3 Add or delete accessories 19
8.4 Edit detectors name 20
8.5 Add wireless siren 20
8.6 Set arm delay time 20
8.7 Remote controller delay arm On/Off 20
8.8 Set the host time 21
8.9 Set timing time for away arm 21
8.10 Set timing time for disarm 21
8.11 Home mode setting 21
8.12 Set the duration time of wired siren 22
8.13 Siren on/off setup when SOS from remote controller 22
8.14 SMS notification On/Off when Arm/Disarm 22
8.15 Set siren tone On/Off when arm/disarm 22
8.16 Factory reset 22
8.17 Set alarm delay time 23
8.18 Program zones 23
8.19 Change the user password 24
8.20 Modify programming password 24
8.21 SMS notification ON/OFF when Power Off 24
8.22 Accessory low voltage notification 24
8.23 Host voice switch 24
9. Detectors installation 26
9.1 Installation guide of door detector 26
9.2 Installation guide of PIR sensor 27
10. Maintenance 28
10.1 System Inspection 28
10.2 Cautions 28
11. Specifications 29
12. Factory Default of Defense Zones 30
13. Common Malfunction 31
14. Warranty Card 32

1. Function Instruction:

- 99 wireless defense zones, 8pcs wireless remote controllers (App can only show 50 defense zones at most)
- Can store 6 phone numbers: when alarming, system will make alarm call to these numbers automatically;
- Can store 3 SMS numbers: when alarming, system will send alarming SMS automatically;
- 3 groups of timely arm and disarm;
- 10-second automatic message recording;
- The names of each defense zone can be revised.
- Support wireless siren (315MHz frequency, customized for other frequency)
- Program the alarm position. It can define the names as you like or use the suggested name such as SOS, fire alarm, gas alarm, door alarm etc.
- Program the defense zone into immediate, delay, 24hours, doorbell , elder zone, bypass model.
- Remote control in different places, host arming, disarming, monitoring, intercom and other functions;
- Low battery alert of the accessories;
- Built-in rechargeable battery; Power-Off SMS notification.

2. Alarm Host Diagram

In order to make the main unit get the wireless signal well for all wireless accessories, please put the alarm host at the central place of your defense area. Make sure it's away from large metal objects and household appliances which may cause high frequency interference, as well as barriers such as reinforced concrete wall or fire door, etc.

Front Panel Diagram



① Power

② Armed indicator

③ WIFI indicator (Fast Flash: EZ Mode; Flash slowly: AP Mode, Network connected, indicator OFF)

④ Microphone

⑤ Number Key

⑥ Transmit /Receiver Signal

⑦ Setting Indicator

⑧ Alarm Indicator

⑨ ARM

⑩ Home ARM

⑪ Speaker

⑫ SOS

⑬ Dial key

⑭ Display

Boot display instructions:

① Display 1-00 indicates the number of remote controls added, if 00 becomes 02 later, it means that 2 remote controls are added.

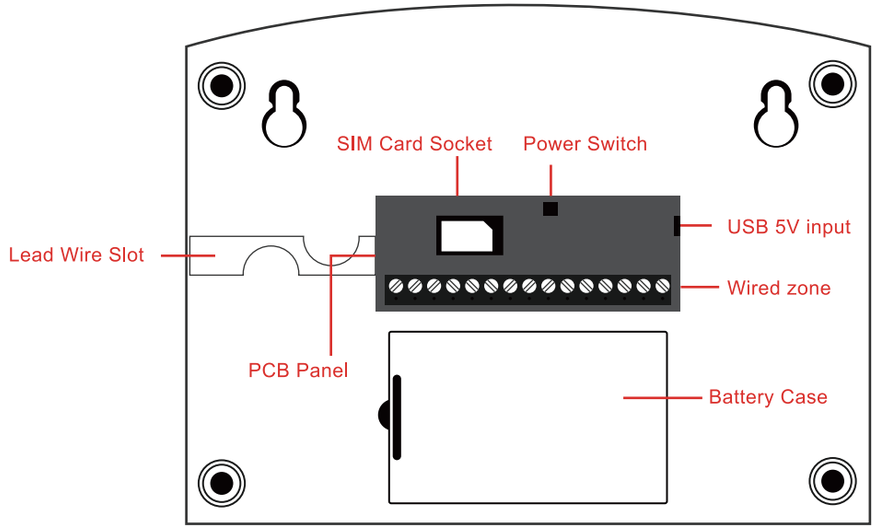
② Display 2-00 indicates the number of probes added, if 00 becomes 10, it means that 10 probes are added

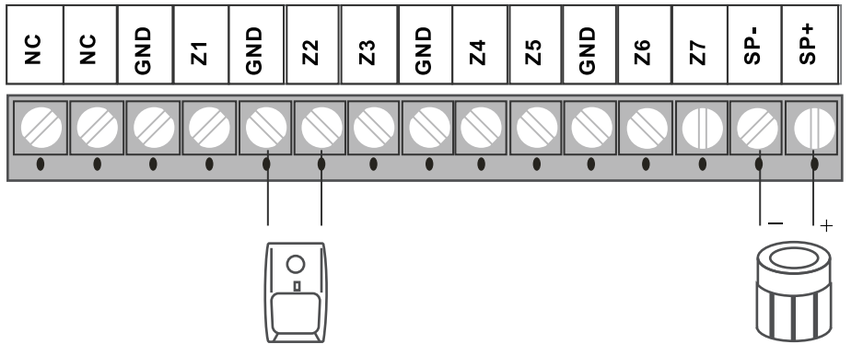
③ Display 3-00, indicating the number of alarm calls added, such as 00 becomes 06, indicating that 6 groups of phone numbers have been added.

④ Display 4-00, indicating the number of alarm SMS added, such as 00 becomes 03, indicating that 3 groups of SMS numbers have been added.

⑤ Display 5-03, indicating the number of circular calls, if 03 becomes 01, it means that the number of circular calls is 1.

Back Diagram





3. Boot Precautions

① Please insert SIM card firstly, then turn on the backup battery switch. Or else, alarm host can't find SIM card;

② Please connect wired siren to alarm host before turn on the backup battery switch;

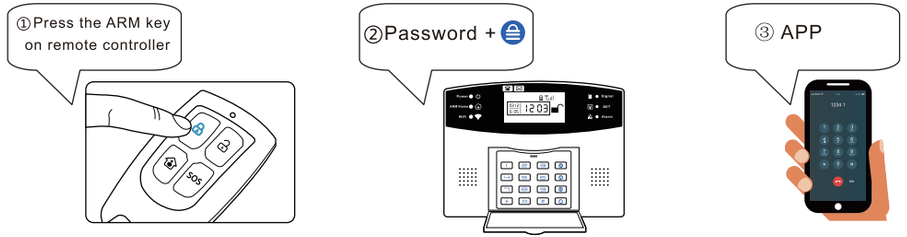
③ Keep the backup battery switch ON to keep the battery in charging all the time;

④ SIM Card signal up to 3 to work normally.

4. Daily Operation

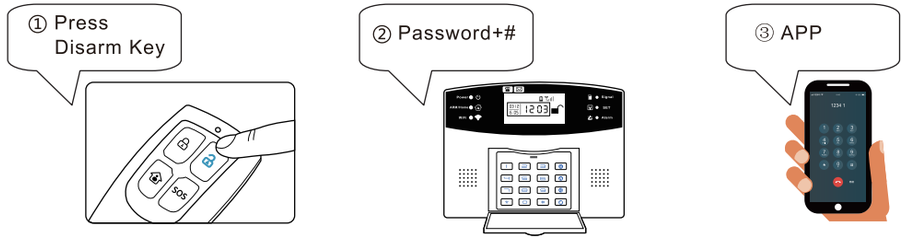
4.1 Away Mode

In away mode, the indicator light of " " will keep on and all sensors are armed.this mode should be used when you go out and there is no one at home, there are three operations for away mode.



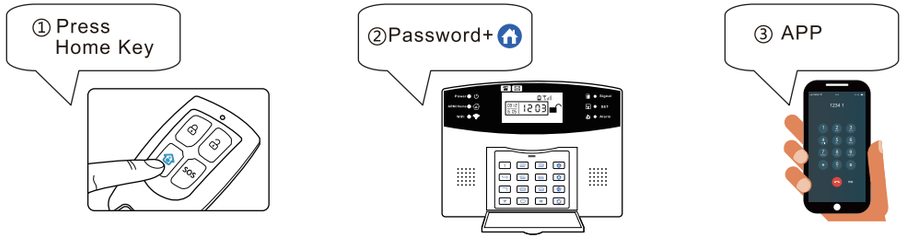
4.2 Disarm Mode

When alarm host in Disarm state, Password+#, voice prompt: System disarm, alarm release, and in Disarm state. There are three options to disarm.



4.3 Home Mode

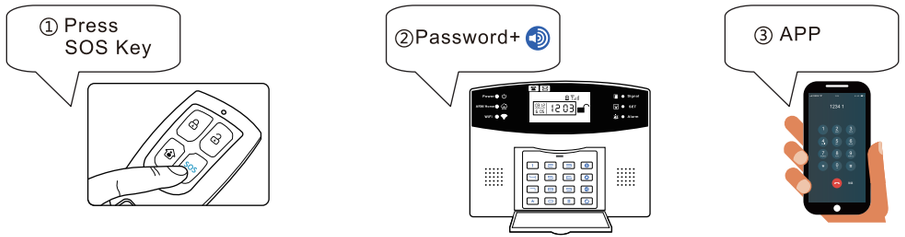
In home mode, the indicator light of “ ” will keep on and some of sensors armed by your settings. this mode should be used when someone wants to stay home and feel safe. there are three operations for home mode.



P.S: By default, all defense zones are invalid. If you need to change it, please refer to the XXX point settings (cannot be set through the APP).

4.4 SOS

This mode should be used when emergency occurs. there are three operations for SOS.



5. Answer the alarm call

The host will call the preset phone numbers in sequence if alarm occurs. The record of the alarm information will be played automatically when the users receive the alarm phone call. At the same time, user can control the alarm host remotely by operating on the keypad of the mobile phone:

Press【1】: to stop the alarming, and arm the system again; the host will not make alarm phone call any more.
Press【2】: to stop the alarming, and disarm the system; the host will not make alarm phone call any more.
Press【3】: Live monitoring
Press【4】: Live Intercom

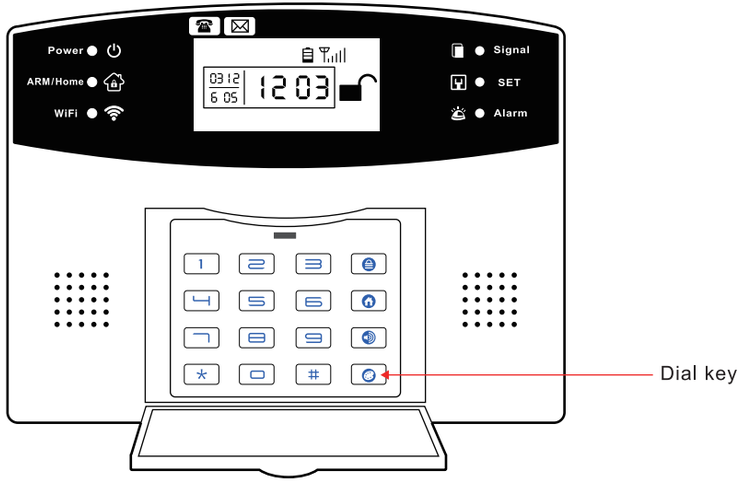
Notice: If user only hears alarm voice, and then hand off the phone without any operation remotely, the host will continue to make phone calls to the next phone number until someone operates the host as above. If no one answers the alarming call and operation, it will call all the preset phone numbers three times circularly.

6. Remote Control

Remote control through the APP, or dial the phone number in the alarm host by phone (mobile phone), the host answers, the voice prompts “Please enter the password”, enter the password through the phone (mobile phone) button (factory password: 1234, if it has been changed, please enter a new password), the handset voice prompts “Please enter the command”:

Press【1】: The system is armed.
Press【2】: The system is disarmed.
Press【3】: Live monitoring
Press【4】: Live Intercom

7. Make Phone Calls Through Host



Method: Input phone number on the key board and end by , the host will dial out immediately.

For example, if you want to call the number 13811111111, enter “13811111111+ ” directly on the keyboard.

8. System Settings

★ System setting can through alarm host or APP, we recommend by APP, and make host keep in disarmed mode.

★ The default operation password of host is 1234 , please use new password if you changed it.

★ The default program password of host is 8888, please use new password if you changed it.

★ Password + # enter setting mode, * # quit.

★ Query the signal quality, enter the settings, enter 81+# to query the current module signal value.

★ In the disarmed state, enter *1# to query the IMEI code.

★ Set the alarm host in disarm state.

8.1 The method of APP configuration

① Ensure your phone is connected WiFi which must be 2.4G .

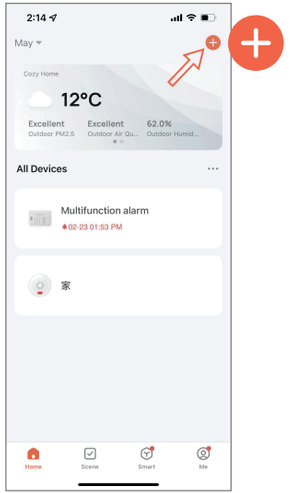
② Download “Tuyasmart” in APP store or scan below QR code.

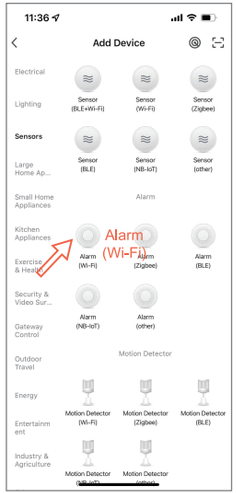
③ Use phone number or email to register and login the APP, then start Connection the alarm host with App by EZ or AP mode.

Android / iOS

※ EZ mode:

Click “Add device ” or “+” on the top right corner of homepage → choose “Sensors” → “Alarm(Wi-Fi) ” → input Wi-Fi password and Next → input password 8888+#+900+# by host keypad then indicator light of WiFi blinks quickly → APP choose “Blink Quickly” → OK

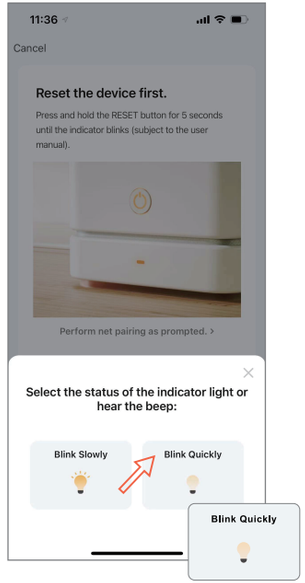


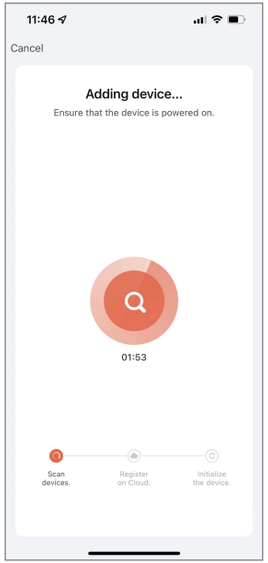




input password 8888 + # + 900 + # by host keypad then indicator light of WiFi blinks quickly

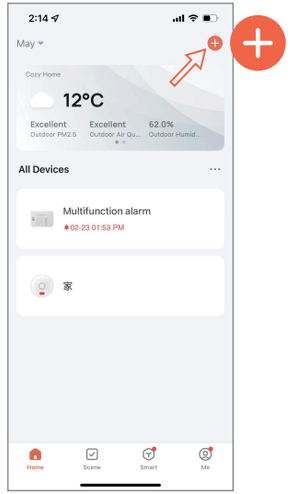


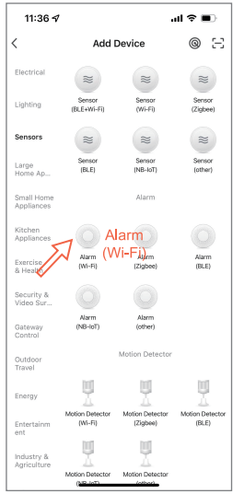


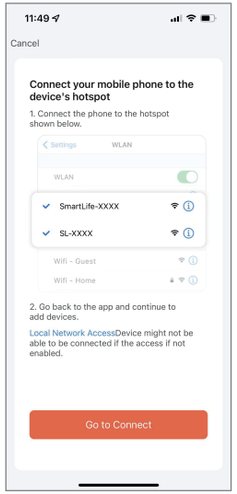


※ AP mode:

Click “Add device ” or “+” on the top right corner of homepage → choose “Sensors” → “Alarm (Wi-Fi) ” → input Wi-Fi password and Next → input password 8888 + # + 901 + # by host keypad then indicator light of WiFi blinks slowly → APP choose “Blink slowly ” → Go to connect → Choose “SmartLife-XXXX” by your WiFi list and then return APP → OK



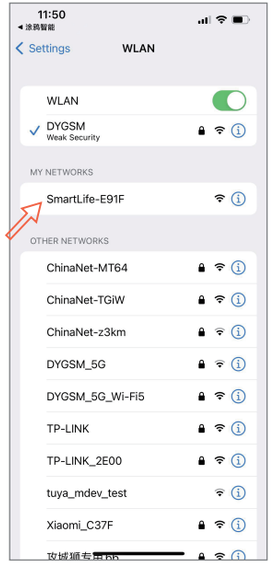


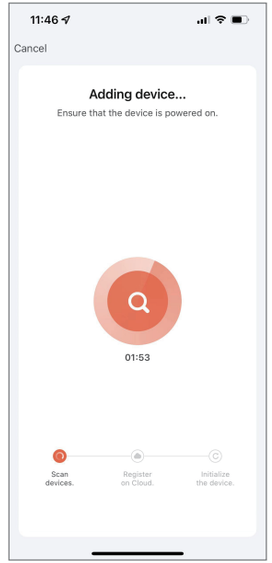


input password 8888 + # + 901 + # by host keypad then indicator light of WiFi blinks slowly

Choose SmartLife-XXXX







8.2 Set alarm call numbers and SMS numbers

Setting	Function introduction	Setting by APP	Setting by alarm host
Set Alarm call numbers	the host will call the preset phone numbers when alarming occurs, max 6 phone numbers	APP “Setting” find “Alarm call number ” to add	password + # + （51~56） + phone number + # note: 51~56 is sequence of phone number
Delete Alarm call numbers	the host no longer call number which has deleted	APP “Setting” find “Alarm call number ” to delete	password + # + （51~56） + #
Set alarm SMS numbers	the host will send SMS to preset phone numbers when alarming occurs, max 3 SMS numbers	APP “Setting” find “Alarm SMS number ” to add	password + # + （57~59） + phone number + # note: 57~59 is sequence of SMS number
Delete Alarm SMS numbers	the host no longer send SMS to number which has deleted	APP “Setting” find “Alarm SMS number ” to delete	password + # + （57~59） + #

APP setting instructions: Click the APP host icon → Settings → enter or delete the number in "Alarm phone number or alarm SMS number".

8.3 Add or delete accessories

Setting	Function introduction	Setting by APP	Setting by alarm host
Add remote controllers	After remote controller pairs with the host, then it can control host,max adding 8 pcs .	APP “Accessories”→choose “Remote controller ”→ click “+” in right top corner → Quick add device → press any key of remote controller to send pairing signal	password + # + 20 + （1~8）+# note: 1~8 is sequence of remote controller
Delete remote controllers	If remote controller is lost,please delete it for safety. It can’t control the host any more	APP “Accessories” → choose “Remote controller ”→ click it slide toward to left will show an icon of “delete”	password + # + 21 + （1~8）+ #
Add wireless detectors	Host can receive signal from detector after pairing. detector type as door,PIR,smoke,gas,water etc. max 45pcs .	APP “Accessories” → choose “Detector ”→ click “+” in right top corner → Quick add device → trigger detector to send pairing signal	password + # + 23 + （01~99）+ # note: 01~50 is sequence of detector
Delete wireless detectors	Host no longer receive signal from detector	APP “Accessories” → choose “Detector ”→ click it slide toward to left will show an icon of “delete”	password + # + 24 + （01~99）+ #

APP adding instructions: Click the APP host icon → accessories → detector or remote control → click the “+” in the upper right corner, click quick add accessories, meanwhile trigger the accessories to transmit the code signal → the host and the APP indicate that the pairing is successful.

Delete: Click on the APP host icon → Accessories → Detector/remote control → Click the accessory to be deleted and then swipe left to display the red delete icon → Delete

Other Settings

No.	Setting	Function introduction	Setting by APP	Setting by alarm host
8.4	Edit detectors name	Alarm message of APP and SMS receiving are renamed , it quickly know which zone alarm.	APP “Accessories” → choose “Detector ” → “Sub device name” to edit it	Setting by APP only
8.5	Add wireless siren	① Open the transmitting function of the host, then host will transmit the wireless control signal.	Open/Close the transmitting of host The instruction code : 41 ·Open 41+1+# ·Close 41+0+#	Open : 【Password】+【41】+【1】+【#】 Close: 【Password】+【41】+【0】+【#】
		② Encrypt the RF signal, to avoid the interference.	**The instruction code : 43** Method: 43+4 digital number+# APP “Setting” find “Password ” to change	【Password】+【43】+【XXXX】+【#】
		③ Pair the host with wireless siren	Press the set button of the wireless siren（Refer to the manual of wireless siren）. The siren goes into the pairing status with the light keeping being on. Press any key on the host to transmit the pairing code. After the successful pairing, the siren will make a beep.	
8.6	Set arm delay time	Factory default is 60s, can be set 1-180s	APP “Setting” find “Arm delay time ” to set	password +#+44+（001~180）+#

8.7	Remote controller delay arm On/Off	Factory default arm by remote controller doesn’t delay, you can turn on it if need.	APP “Setting” find “Remote controller arm delay ”→ enable	Enable: password+#+47+1+# Disable: password+#+47+0+#
8.8	Set the host time	Set correct time in host to ensure timer function is normal	APP “Setting” find “Get time automatically ” → enable	password + # + 32 + XX(year)XX-(month)XX(date)XX(hour)XX(minute)XX(seconds) + # note: XX is two numbers, hour is 24-hour clock.
8.9	Set timing time for away arm	Host will go to away arm automatically according the set time，max 3 groups time.	APP “Setting” find “Timing settings ” → Add → choose time and mode is away → save	password +#+(33~35)+XX(hour) XX(seconds)+# note: XX is two numbers, hour is 24-hour clock.
8.10	Set timing time for disarm	Host will go to disarm automatically according the set time，max 3 groups time.	APP “Setting” find “Timing settings” → Add → choose time and mode is disarm → save	password +#+(36~38)+ XX(hour) XX(seconds)+# note: XX is two numbers, hour is 24-hour clock.
8.11	Home mode setting	Set the detector of defense zone valid or invalid in home arm status	Setting by alarm host only	password + # + 61+(01~99)+0/1+# note: 01~99 is sequence of detector 0/1: 0 is invalid，1 is valid in home arm mode .

8.12	Set the duration time of wired siren	Factory default is 180s, can be set 1-180s	APP “Setting” find “siren time ” → choose time	password + # + 46 + (001~180) + #
8.13	Siren on/off setup when SOS from remote controller	Siren sounds alarm when press SOS by remote controller	Setting by alarm host only	Disable: password +# +76+0+# Enable: password +# +76+1+#
8.14	SMS notification On/Off when Arm/Disarm	It sends out SMS message when arm/disarm system	APP “Setting” find “Arm/disarm SMS notifications ” → enable	Enable: password +# +77+1+# Disable: password +# +77+0+#
8.15	Set siren tone On/Off when arm/disarm	After set on, wired siren will sounds “Di” when arm , and “Di Di” when disarm. It surely confirm if arm/disarm success by siren tone.	APP “Setting” find “System armed/disarmed siren ” → enable	Enable: password +# +75+1+# Disable: password +# +75+0+#
8.16	Factory reset	It will delete all settings to factory default	APP “Setting” find “Factory reset”	95175308246 + #

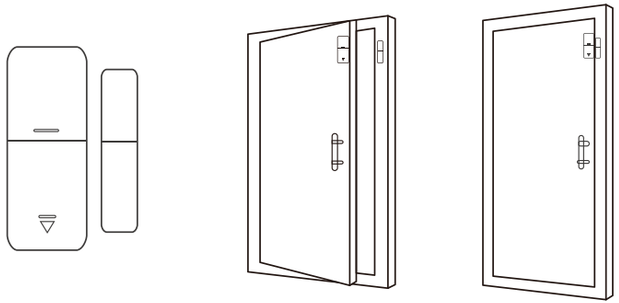
8.17	Set alarm delay time	① Set alarm delay time	APP “Setting” find “Alarm delay time ”→choose time	password + # + 45 + (001~180) + #
		② Turn on alarm delay	APP “Accessories” → click detector which would be delay alarm → “Zone attribute” → choose delay zone	Refer below “Program zones” to set
8.18	Program zones	You can set the functions or attributes of the defense zones according to your own requirement	**Set by APP:** APP “Accessories” to set **Set by host :** 【60】+【AA】+【B】+【C】+【D】+【#】 **AA is Zone No.:** [01~99] is responded to defense zone 1 to defense zone 45 **B is Zone type:** [1] Real－time Zone、[2] Delay zone、[3] 24hours、[4] By Pass **C device type:** [1] SOS、[2] Fire Alarm、[3] Gas Leakage、[4] Door Alarm、[5] Hall Alarm、[6] Window Alarm、[7] Balcony Alarm、[8] Boundary Alarm **D is Siren Mode:** [0] Silent，[1] Audible alarm. For example, set the defense zone 12 into delay zone door alarm and audible alarm. **The method:** 【60】+【12】+【2】+【4】+【1】+【#】	

8.19	Change the user password	Factory default is 1234，please change it for safety	APP “Setting” find “Password ” to change	password + # + 30 + XXXXXX (4 numbers of new password) + #
8.20	Modify programming password	The factory default password is 8888, users can modify it by themselves	APP “Setting” find “Password ” to change	Password+#+31+XXXX (4-digit new password)+#
8.21	SMS notification ON/OFF when Power Off	Set the power failure SMS notification to ON, and remind the user in time when the external power supply fails.	APP → Setting → SMS notification ON/OFF → ON	ON: Password+#+80+1+# OFF: Password+#+80+0+#
8.22	Accessory low voltage notification	Accessories low voltage, remind users in time	APP → Setting → Low voltage ON/OFF → ON	ON: Password+#+83+1+# OFF: Password+#+83+0+#
8.23	Host voice switch	Users don’t need voice prompt when ARM OR DISARM the host	APP → Setting → Voice Switch → ON/OFF	ON: Password+#+84+1+# OFF: Password+#+84+0+#

8.24	The number of times the system dialed	The number of times the alarm cycles the user is dialed	Setting command: 85+0-9+#，If necessary, set up 6 round-robin calls， Operation: 85+6+# In the app, "Find the number of missed repeated calls in Settings", select the number of times you want	Password + 85+ （1-9） + #
8.25	Toggle voice settings	Switch languages according to different countries	Different countries need different languages, operation instructions: 86+(0-9)+# For example: set Spain, then the operation command is 86+5+# 0 is Chinese, 1 is English, 2 is French, 3 is Spanish, 4 is Russian, 5 is German, 6 is italian, 7 is Czech, 8 is Poland, 9 is Slovakia In the APP, “Find host language in settings”, select the corresponding language	password + 86 + (0-9) + #
8.26	Address recording	Quickly know alarm happens in which address,It can record for 10 seconds.	APP “Setting” find “Address voice recording ” → start recording after host sounds “beep”	password +#+701+#

9. Detectors installation

9.1 Installation guide of door detector



Cautions:

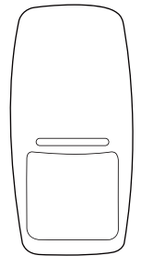
① The gap between the magnet and the sensor should be less than 10mm.

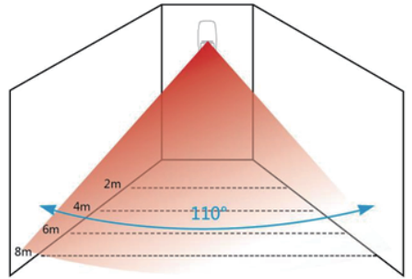
② After the installation, if the indicate light of the detector is on when the door is opened, it proves it is installed successfully.

③ If the indicate light of the door detector flashes when it is triggered, it means the battery of the sensor is in low voltage, and you need to change the battery as soon as possible.

④ The transmit distance of the detectors is less than 80meters in the open area. Please test the distance before installing. The obstacles will change the transmitting distance.

9.2 Installation guide of PIR sensor





To avoid the false alarm, please pay attention to the following points in stalling the PIR motion detector:

① Do not face the glass door/window.

② Do not face the big object which is easy to swing.

③ Do not face the cold and heat air vent or cold and heat source.

④ The furniture, miniascape, or any other isolations should be away from the detecting scope.

⑤ Do not install 2 or more detectors in the same area or it will cause the interference when alarm.

⑥ When the detector is triggered and the LED indicator flashes, it means the battery is in low voltage, please change it as soon as possible.

⑦ The detecting distance is less than 8meters, the transmitting distance is less than 80meters. Please test the distance after installing. The obstacles will influence the distance.

10. Maintenance

10.1 System Inspection:

The system need the periodic inspection to ensure the stable and safe work. We suggest the users inspect the system per three months and inspect the detectors per month.

Alarm Host Inspection:

- Check whether the host can arm or disarm normally.
- Check whether the host can call through the phone numbers when alarm occurs.
- Check whether the host can receive the signals from detectors normally and the back-up battery work normally or not.

Detector Inspection:

- Trigger the detector by hand to check whether it can send the alarm signal successfully.
- Check the battery of each detector to see whether it is short of voltage.

10.2 Cautions:

- Do not dissemble, repair, transform the product privately, or it will cause fault or accident.
- Do not fall the product on the hard ground to avoid the fault or damage because of the strong crash.
- Do not set “911” or any other security departments’ telephone numbers as the alarming phone numbers without any authorization.

11. Specifications

Input Voltage: USB 5V 2A

Standby Current: ≤70mA

Alarm Current: ≤300mA

Backup Battery: 3.7V/800mah Polymer batteries

Back-up battery charging time: Battery switch ON, 8H to charge; 12H standby for full charged

Wired Siren volume: 120dB (180s to alarm as default)

Alarm host Receiving Frequency: 433MHz（±75KHz）, PT2262/4.7MΩ EV1527/300K

Alarm host transmitting frequency: 315MHz（±75KHz）, PT2262/4.7MΩ EV1527/300K

Version 4G-C band: B1 /B3/B5/B8(LTE-FDD), B34/B38/B39/B40/B41（LTE-TDD）

Version 4G-E band: B1/B3/B5/B7/B8/B20(LTE-FDD)

Version 4G-SA band: B1/B2/B3/B4/B5/B7/B8/B28/B66

Select different modules to use according to different regions, C for China, E for Europe, and SA for South America

alarming telephone numbers: 6 groups

Wireless accessory: 8pcs remote controller; 99pcs detectors

Distance between accessories and alarm Host: Remote controllers ≤40 meters (in the open distance) , Detectors≤80 meters (in the open distance);

Factory default program password: 8888

Factory default Operation password: 1234

Working temperature: -10℃~+50℃

12. Factory Default of Defense Zones

Zone	Away Arm	Home Mode	Attribute	Type	Siren
Zone 1	Valid	Valid	Real-time	Door Alarm	ON
Zone 2	Valid	Valid	Real-time	Hall Alarm	ON
Zone 3	Valid	Invalid	Real-time	Window Alarm	ON
Zone 4	Valid	Invalid	Real-time	Balcony Alarm	ON
Zone 5	Valid	Valid	24 Hours	Fire Alarm	ON
Zone 6	Valid	Valid	24 Hours	Gas Alarm	ON
Zone 7	Valid	Invalid	Real-time	SOS Alarm	ON
Zone 8-99	Valid	Valid	Real-time	SOS Alarm	ON

Program Password:	**8888**	**Remote Control:**	**GSM ON**
Siren Beep Time:	**180 seconds**	**Siren Tone:**	**Close**

13. Common Malfunction

Faults	Analysis
The host can't connect wifi network	• Do not make Host far from Router • Router Should be 2.4G RF Band • Whether Local ISP Limits the number of internet terminals?
The host doesn't react when making app setting	• Make sure both the host and phone are in good network
The host doesn't make phone Call when alarming	• Whether host is in Arm status? • Whether Set the wrong alarming telephone number? • Whether Set the alarm delay? • Whether Telephone bill is overdue?
SIM card doesn't detect signal	• Whether install Simcard before power on? • Whether SIM is not GSM card? • Do not set the PIN code on SIM. • The Host is in low power?
Insensitive Distant Control	• The GSM network is weak. • Suggest changing a new SIM card.
No Alarm delay after setting the Alarm delay	• Whether Zone is not programmed to alarm delay?
The host can't receive the signal from accessories	• The pairing is not successful • The accessory is defective
Siren doesn't beep	• Whether The siren does not connect the power • Whether Set the siren off when alarm?
Accessories can only work in short distance	• Accessories is in low Power • Alarm Host is in low Power or not connecting power charger? • Whether these exists signal Interference

Warranty Card

Guest Name:_____ Purchase Date: _____

Telephone:_____

Address:_____

Warranty Duration: _____

Date	Repair Record

Note to users: Buy this product, with one-month replacement, 1-year warranty, and lifetime maintenance rights (man-made damage or irresistible damage, you need to pay for parts)