

Home Security Alarm System User Manual



Please read this user manual carefully before installing the system, and keep it well for future reference.

Preface

Thanks for using our wireless smart security home alarm system. This system will provide full protection in 24hours all through the year for your house and property.

The wireless alarm system adopts the advanced Israel digital security technology. It is of 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, 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 of the system, please read the user manual carefully before the installation. If in the process of installing or operating, you encounter any problems , 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.

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1. Function Profile

- 850/900/1800/1900Mhz GSM Frequency for global use.
- Support 2 wired defense zones, 99 wireless zones, and 8 remote controllers.
- Can set 6 groups of alarming phone numbers, It will call the preset phone numbers automatically to notify the alarm information
- Can set 3 groups of SMS phone numbers.
- Built-in clock and clear LCD screen
- Voice Prompt for all the operations.
- Wireless learning coding. Fast and easy to add the new accessories.
- 3 groups of timing arm and disarm
- Record the installation position of the host for 10s
- The names of each defense zone can be revised. Defense 1-9 can be recorded separately.

- Support wireless siren (315MHZ frequency, customized for other frequency)。
- Program the alarm position. You 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, bypass model.
- Arm , disarm, monitor, intercom the host remotely.
- Various arm model including immediate arm, delay arm , home arm, timing arm, remote arm.
- The beep volume of paired wireless siren can be adjusted from degree 1 to degree 4.
- Low battery alert of the accessories.
- Built-in 4.2 Li battery. It will alarm when the power is off.
- Be compatible with the international Alarm Center Protocol: ADEMCO Contact ID protocol.

2. Introduction of the Alarm Host:

The alarm host should be installed in the center of the detectors to ensure receiving the strong RF signals from all the detectors. The alarm host should be installed far away from the huge metal objects, fireproof doors, reinforced concrete walls, or any other electricity equipment that will cause high frequency interference.

LCD Screen Indicate:

Time

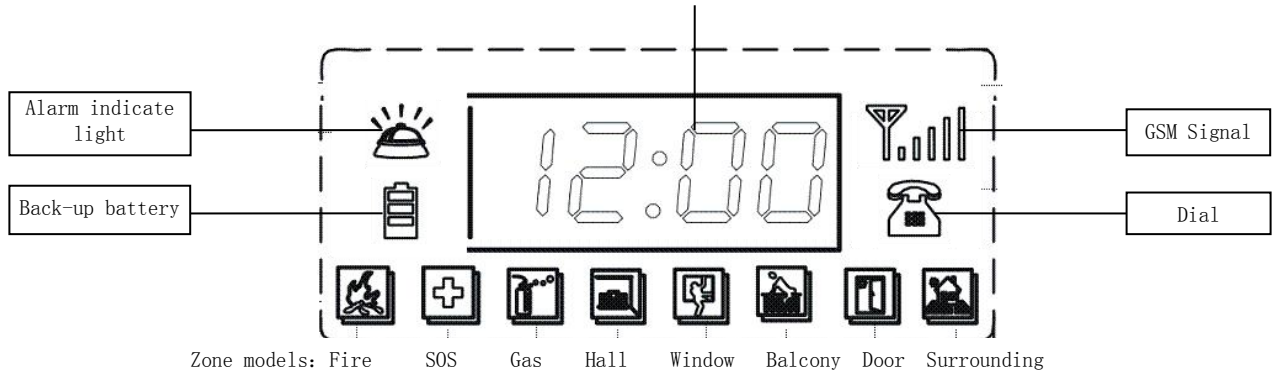
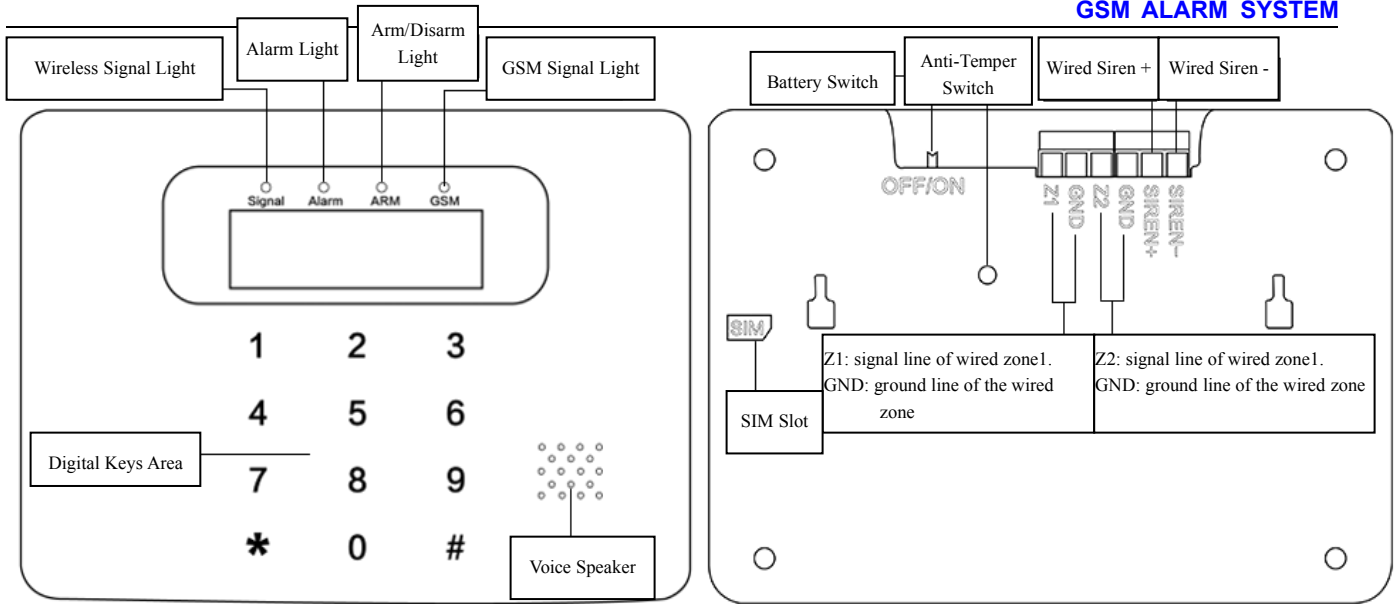
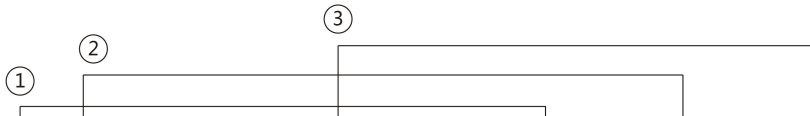


Diagram of the Panel:

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3. Process of Booting



Caution:

- ① The host can not connect the wired siren and wired detectors in the energized state to avoid the burnout of the device.
- ② Please pay attention to the anode and cathode. The inverse connection will possibly burn the host.
- ③ Please insert the SIM card first, and then power on the host.
- ④ Please make the battery switch in the status of "ON" in the use to keep the back-up battery full.
- ⑤ Please check the GSM signal intensity. The host will work only after the signal is more than intensity 2.

4. Daily Operation

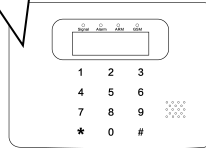
4.1 System Arm

In the status of arm, the ARM indicate light will keep being on. The voice will prompt “ system arm” when you arm the system. If their is intruder, it will start to alarm. There are four methods to arm:

① Press the arm button



② Input password + 1# On keyboard



③ Input password +1 Remotely



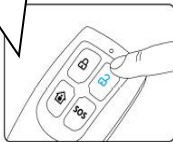
④ Text the message “ Password +1#” to the host



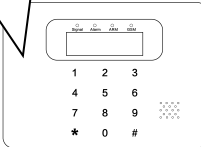
4.2 System Disarm

In the status of diarm, the ARM indicator light is off. The voice will prompt “ system disarm” when you disarm the system. There are four methods to disarm.

① Press the disarm button



② Input password + 2# On keyboard



③ Input password +2 Remotely



④ Text the message “ Password +2#” to the host



4.3 Home Arm

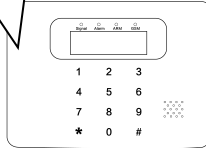
In the status of home arm, the ARM light on the host will flash per 2 seconds. When you home arm the system, the voice will prompt “ system

arm”. If their is intruder, it will start to alarm. There are three methods to start home arm:

① Press home arm button



② Input password +3# on keyboard



③ Text the “password+3#” to the host



Caution: In the factory default 3-7 defense zones, and 91-99 defense zones are valid in home arm. The other defense zones are invalid in home arm. User need to change it, please set by programming the defense zones.

4.4 SOS

In emergency, press the SOS button on the remote controller, the system host will start to alarm and call the preset phone numbers automatically for help. There are two ways to start the SOS Emergency:

Press the SOS button



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, the 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】** : to stop the alarming, and monitor the alarm scene for 30 seconds. Press 3 again to monitor for another 30s.

Press **【4】** : to stop the alarming, and intercom for 30 seconds. Press 4 again to intercom for another 30s.

Press **【9】** : to make the siren beep Press **【2】** : to shut off the siren, and disarm

Press **【*】** : to read the alarming information;

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

6. Remote Control by Phone Calls

Call the phone numbers of the alarm host, the voice will prompt “please input password” after the host receives the phone call. The voice prompts “ please input instruction” after the users input the right password. (The default password is 1234. Please use the new password user has changed it.)

Press **【1】** : to arm the system;

Press **【2】** : to disarm the system;

Press **【3】** : to monitor the alarm scene for 30 seconds, and press 3 again to monitor for another 30 seconds;

Press **【4】** : to intercom for 30 seconds. Press 4 again to intercom for another 30s.

Press **【9】** : to make the siren beep Press **【2】** : to shut off the siren, and disarm

7. Make Phone Calls Through Host



Input *+phone number+# on the key board, the host will dial out immediately. For example, if you want to call the number 13811111111, dial “*13811111111#”directly on the keyboard.

8. System Setting

★All the setting should be operated in the status of DISARM..

★All the settings could be operated after inputting the correct password . The factory default password is 1234. User change the password, please use the new password.

★System instruction format: 【password】 + 【#】 + 【Instruction code】 + 【instruction】 + 【#】

（【password】 + 【#】 : to enter the setup status. If don't exit the setup status, you can make other setting without inputting 【password】 + 【#】）

★Press 【*#】 to exit the setup status.

NO.	Operation	Function	Operation Procedure	Standard Instruction
8.1	Add the remote controller	After the remote controller pairs with the host, then it can control the host.	<p>8 remote controllers can be added.</p> <p>The instruction code: 20+ (1~8) .</p> <p>1~8 is the serial No. of the 8 remote controllers</p> <p>For example, user add the 3rd remote controllers, The method : 203#. and the press any button on the remote controller to pair.</p>	<p>【Password】 + 【20】 + 【1~8】 + 【#】</p>
8.2	Delete the remote controller	If the remote controller is lost or not used, please delete it for safety. The deleted remote controller can not control the host any more.	<p>The instruction code: 21+ (1~8) .</p> <p>1~8 is the serial No. of the 8 remote controllers</p> <p>For example, user delete the 3rd remote controllers, the method : 213#. The host will prompt" delete completed" after the successful deletion.</p>	<p>【Password】 + 【21】 + 【1~8】 + 【#】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.3	Add the wireless detectors	After the detector pair with the host, the host will receive the alarm signal from it. The detectors include PIR Motion detector,door/window detector ,smoke detector,flood detector, vibration detector, SOS button etc.	<p>99 wireless detectors can be added</p> <p>The instruction code: 23+ (01~99) .</p> <p>01~99 is the serial No. of the 99 wireless detectors.</p> <p>For example, user delete the 3rd wireless detectors, the method : 2303#, and then trigger the detectors to transmit the signal.</p>	<p>【Password】+【23】+【01~99】+【#】</p>
8.4	Record the Position of Detector	When alarm, the host will play the record first. The user will know clearly about the alarm information from the record. Defense zone 1~10 can record 5seconds. The position of detectors or alarm type is usually recorded.	<p>The instruction code : 92</p> <ul style="list-style-type: none"> ·Record 92+ (01~09) +1+# ·Delete 92+ (01~09) +2+# ·Play 92+ (01~09) +3+# <p>01~09 is the serial No. of the 9 detectors.</p> <p>For example, user need to record or delete or play the record of the 3rd detector.</p> <p>The method: Record 92031# Delete 92032# Play 92033#</p>	<p>Record: 【Password】 + 【92】 + 【01~09】 + 【1】 + 【#】</p> <p>Delete: 【Password】 + 【92】 + 【01~09】 + 【2】 + 【#】</p> <p>Play: 【Password】 + 【92】 + 【01~09】 + 【3】 + 【#】</p>
8.5	Revise the Name of Defense Zone	Can only set by texting the SMS or APP.The host will send the revised alarm informationto the users.	<p>The instruction code: 90+ (01~99) +revised names (less than 40 characters) +#.</p> <p>01~99 is the serial No. of the 99 wireless detectors.</p> <p>For example, user want set the alarm SMS of defense zone 3 as the back door of office.</p> <p>The method: Text the message " 9003 the back door of office #" to the host, the host will reply "setup completed" after receiving the message.</p> <p>Afterward when alarm, the SMS you receive will be "the back door of office alarm"</p>	<p>【Password】+【90】+【01~99】+【Characters】(less than 40)+【#】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.6	Delete the Wireless Detector	After the wireless detector is deleted, the host will not receive the signal from it any more.	<p>The instruction code: 24+ (01~99) . 01~99 is the serial No. of the 99 wireless detectors. For example, user want to delete the third detectors, the method: 2403#. The voice will prompt "delete completed" after the successful deletion.</p>	<p>【Password】+【24】+【01~99】+【#】</p>
8.7	Record the Installation Position of the Host	You will know the alarm address fast after receiving the alarm phone calls by the setting. You can record for 9 seconds.	<p>The instruction code: 9200</p> <ul style="list-style-type: none"> ·Record 9200+1+# ·Delete 9200+2+# ·Play 9200+3+# 	<p>Record: 【Password】+【9200+【1】+【#】</p> <p>Delete: 【Password】+【9200】+【+2】+【#】</p> <p>Play: 【Password】+【9200】+【3】+【#】</p>
8.8	Add the Wireless Siren	①Open the transmitting function of the host, then host will transmit the wireless control signal.	<p>Open/Close the transmitting of host</p> <p>The instruction code : 41</p> <ul style="list-style-type: none"> ·Open 41+1+# ·Close 41+0+# 	<p>Open : 【Password】+【41】+【1】+【#】</p> <p>Close: 【Password】+【41】+【0】+【#】</p>
		②Encrypt the RF signal, to avoid the interference.	<p>The instruction code : 43</p> <p>Method: 43+4 digital number+#</p>	<p>【Password】+【43】+【XXXX】+【#】</p>
		③Pair the host with wireless siren	<p>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.</p>	
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.9	Set the Alarming Phone Numbers	When alarm, the host will call the preset alarm phone numbers	<p>6 groups of alarm phone numbers can be set</p> <p>The instruction code: 51、52、53、54、55、56.</p> <p>For example, user set the 13811111111 as the first group of alarm phone numbers.</p> <p>The method : 5113811111111+#</p>	<p>【Password】 + 【51~56】 + 【phone numbers】 + 【#】</p>
8.10	Delete the Alarming Phone Numbers	When alarm, the host will not call the phone numbers which has been deleted	<p>The instruction codes: 51、52、53、54、55、56</p> <p>For example, user want to delete the first group of alarm phone numbers 13811111111</p> <p>The method is 51#</p>	<p>【Password】 + 【51~56】 + 【#】</p>
8.11	Set the Alarming SMS Numbers	When alarm, the host will text the message to the preset alarming SMS numbers.	<p>3 groups of alarm SMS numbers can be set</p> <p>The instruction codes: 57、58、59</p> <p>For example, user want to set the first group of alarming SMS numbers as 13811111111.</p> <p>The method: 5713811111111+#</p>	<p>【Password】 + 【57~59】 + 【Alarming SMS Numbers】 + 【#】</p>
8.12	Delete the Alarming SMS Numbers	The SMS numbers you delete will not receive alarm SMS any more.	<p>The instruction codes: 57、58、59.</p> <p>For example, user want to delete the alarming SMS numbers 13811111111 of the first group</p> <p>The method: 57#</p>	<p>【Password】 + 【57~59】 + 【#】</p>
8.13	Set the Delay Arm Time	When arm, the host will really arm after the preset time has passed. It can avoid the false alarm of untimely leaving after home arm. In factory default, the delay arm time is 60s by operating on keyboard on host.	<p>The instruction code: 44</p> <p>The delay time ranges from 1-180seconds.</p> <p>For example, user set the delay arm time as 60s</p> <p>The method: 4460#</p>	<p>【Password】 + 【44】 + 【001~180】 + 【#】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.14	Remote Controller Delay Arm On/Off	You can arm inside the house by remote controller to avoid the uncertainty of arm status when you arm outside the house.	<p>The instruction code: 47+0 Close the delay 47+1 Open the delay</p> <p>For example, User set the remote control to delay arm . The method: 471#</p>	<p>【 Password 】 + 【 47 】 + 【 0/1 】 + 【 # 】</p>
8.15	Set the System Time	You can set the correct time for daily use.	<p>The instruction code: 32 Setting Format: 32+year+month+day+hour+minute+second+#</p> <p>For example, user set the time to 13:30:30 May 1st,2016 The method: 3220160501133030#</p>	<p>【 Password 】 + 【 32 】 + 【 year 】 + 【 month 】 + 【 day 】 + 【 hour 】 + 【 minutes 】 + 【 second+ 【 # 】</p>
8.16	Set the Timing Arm	The system will go into the arm status when the time is to the preset point.	<p>3 groups of timing arm can be set. The instruction code: 33、 34、 35. Setting Format: (33~35) +Hour +Minute+#</p> <p>For example, user set first group of timing arm at 22: 00 each day. The method: 332200#</p>	<p>【 Password 】+【33~35】+【hour】 + 【 minute 】 + 【 # 】</p>
8.17	Set the Timing Disarm	The system will go into the disarm status when the time is to the preset point.	<p>3 groups of timing arm can be set. The instruction code: 36、 37、 38. Setting Format: (36~38) + Hour +Minute+#</p> <p>For example, user set first group of timing disarm at 7:30 each day. The method: 360730#</p>	<p>【 Password】+【36~38】+【hour】 + 【 minute 】 + 【 # 】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.18	Set the Home Arm Model	Set the detector of the defense zone valid or invalid in status of the home arm.	<p>The instruction code: 61 Setting Format: 61+ (01~99) +0/1+# 01~99 is the serial No. of 99 wireless defense zones. 0/1: 0 invalid in home arm. 1 valid in home arm. For example, user set the detector of 2nd defense zone to work in home arm The method: 61021#</p>	<p>【Password】+【61】+【01~99】 +【0/1】+【#】</p>
8.19	Set the Duration Time of Wired Siren	<p>You can adjust the beep duration time of wired the siren. The factory default is 180seconds.</p>	<p>The instruction code: 46. The beep duration time range from 1-180s For example, user set the Duration Time of Wired Siren to 60 seconds. The method: 46060#</p>	<p>【Password】+【46】+【001~180】+【#】</p>
8.20	Set the Beep Volume of the Wired Siren	You can adjust the beep volume of the wired siren from degree 1 to degree 4. The factory default is degree 3.	<p>The instruction code: 64. The beep volume ranges from degree 1-4 For example, user set the volume of the wired siren to degree 1. The method: 641#</p>	<p>【Password】+【64】+【1~4】+【#】</p>
8.21	Siren on/off Setup when SOS from Remote Controller	<p>When your press the SOS button on the remote controller, the siren will beep in default. You can close the siren when you press the SOS button.</p>	<p>The instruction code: 76+0 SOS close the siren 76+1 SOS open the siren For example, user set the siren on when you press the SOS button on the remote controller The method: 760#</p>	<p>【Password】+【76】+【0/1】+【#】</p>

NO.	Operation	Function	Operation Procedure	Standard Instruction
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8.22	SMS Notification On/OFF When ARM/Disarm	You will receive the SMS notification when you arm/disarm. The factory default is off. You can set it on.	<p>The instruction code: 77+0 Close the Notification 77+1 Open the Notification</p> <p>For example, user set the SMS Notification on when you arm/disarm</p> <p>The method: 771#</p>	<p>【Password】 + 【77】 + 【0/1】 + 【#】</p>
8.23	Digital Keytone ON/Off	In the status of setup,input the digital key, it will have keytone. The factory default is on. You can set it off. .	<p>The instruction code: 79+0 Close 79+1 Open</p> <p>For example, user close the keytone,</p> <p>The method: 790#</p>	<p>【Password】 + 【79】 + 【0/1】 + 【#】</p>
8.24	SMS Notification On/OFF When Power Fails	When power fails, the system will send SMS to notify. The factory default is Off. You can set it on.	<p>The instruction code: 80+0 Close the Notification 80+1 Open the Notification</p> <p>For example, user set the SMS Notification on when power fails,</p> <p>The method: 801+#</p> <p>Cause: It will notify when power fails in the status of arm. it will not notify when the power fails in the status of disarm.</p>	<p>【Password】 + 【80】 + 【0/1】 + 【#】</p>
8.25	SMS Notification On/OFF When battery is in Low Voltage	When the paired detectors are in the low voltage, it will send SMS to notify. The factory default is off. You can set it on.	<p>The instruction code: 83+0 Close the Notification 83+1 Open the Notification</p> <p>For example, user set the SMS Notification On when the battery of detectors is in low voltage.</p> <p>The method: 831#</p> <p>Cause: Only the detectors which has the low battery alert can realize the function.</p>	<p>【Password】 + 【83】 + 【0/1】 + 【#】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

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8.26	Siren Tone ON/Off when Arm/Disarm	<p>When arm/disarm by remote controller, user may be not certain about the operation result because of the long distance.</p> <p>User open the function, the siren will make a beep when arm successfully and the siren will make two beeps when disarm successfully. In default,the siren voice is closed.</p>	<p>The instruction code: 75+0 Close the voice 75+1 Open the voice</p> <p>For example, user set the siren voice on. The method: 751#</p>	<p>【Password】 + 【75】 + 【0/1】 + 【#】</p>
8.27	Change the Password	<p>The default password is 1234.</p> <p>Please change it to your own password to avoid others' illegal Use.</p>	<p>The instruction code: 30+ XXXX (new password)+#</p> <p>For example, If change the password into 1012, The method: 301012#</p>	<p>【Old Password】 + 【30】 + 【XXXX】 (4 digital New Password) + 【#】</p>
8.28	Restore Factory Default	<p>If the system is not stable, or the user forgets his setting, we suggest to restore the system to factory default</p>	<p>Input the 95175308246+# on the keyboard of the host. The host will start to restore factory default with all lights on. The voice will prompt " delete completed" after the successful restoring.</p>	<p>【95175308246】 + 【#】</p>
8.29	Recover the Password	<p>If the user forget the password, they can only recover the password and then change it.</p>	<p>Input 95175308249+# on the keyboard of host.</p>	<p>【95175308249】 + 【#】</p>
NO.	Operation	Function	Operation Procedure	Standard Instruction

8.30	Set the Alarm Delay Time	When you come back home, you can disarm by host directly user set the alarm delay time. It is convenient for the users who don't have remote controllers.	<p>The instruction code: 45.</p> <p>The alarm delay time ranges from 1-180 seconds</p> <p>For example, user set the alarm delay time as 150s.</p> <p>The method: 45150#, and then set the defense zone as delay zone by referring to the instruction code of 8.31</p>	<p>【Password】 + 【45】 + 【001~180】 + 【#】</p>
8.31	Program the Defense Zones	You can set the function or attributes of the defense zones as your own requirement by programming the defense zones.	<p>Setup: 【60】 ⇒ 【AA】 ⇒ 【B】 ⇒ 【C】 ⇒ 【D】 ⇒ 【#】</p> <p>AA Zone No.: [01~99] is responded to defense zone 1to defense zone 99</p> <p>B Zone type: [1]Immediate Zone、[2] Delay zone、[3] 24hours zone、[4] Bypass Zone。</p> <p>C Installation Position: [1]SOS、[2] Fire Alarm、[3] Gas Leakage、[4]Door Alarm、[5]Hall Alarm、[6]Window Alarm、[7] Balcony Alarm、[8] Surrounding Alarm。</p> <p>D Siren Mode: [0] Silent, [1] Audible alarm。</p> <p>For example, set the defense zone 12 into delay zone, door alarm and audible alarm。</p> <p>The method: 【60】 ⇒ 【12】 ⇒ 【2】 ⇒ 【4】 ⇒ 【1】 ⇒ 【#】</p>	
8.32	Inquire the Set Alarm Phones and SMS Numbers	User forget these phone numbers, you can text to the host to inquire.	<p>After the host receives the inquiry instruction, it will reply the information of the phone numbers.</p> <p>The inquiry instruction: Password+701#</p>	<p>【Password】 + 【701】 + 【#】</p>
8.33	Inquire the IMEI and System Version Number	You can text to the host to inquire the IMEI for network use.	<p>After the host receives the inquiry instruction, it will reply the information of IMEI.</p> <p>The inquiry instruction: Password+990701#</p>	<p>【Password】 + 【990701】 + 【#】</p>

9. Monitor Center Network Setup

9.1 User Code Setup

In the status of setup, press address code **【78】** on the buttons of the host first, and then input four digital user code **【xxxx】**, finally press **【ENT】** to confirm. The voice will prompt “ setting completed” if the setting is successful.

Instruction code: 【Password】 + 【78】 + 【xxxx】 + 【#】

9.2 Monitor Center Numbers Setup

In the status of setup, press address code **【50】** on the buttons of the host first, then input the phone number **【xx...xx】** which is less than 22 digital. finally press **【ENT】** to confirm. The voice will prompt “phone number setting completed” if the setting is successful.

Instruction code: 【Password】 + 【50】 + 【xx...xxx】 + 【#】

9.3 Monitor Center Function On/Off

In the status of setup, press address code **【73】** on the buttons of the host first, and then press **【0/1】**, finally press **【ENT】** to confirm. The voice will prompt “ setting completed” if the setting is successful.

Instruction code: 【Password】 + 【73】 + 【0/1】 + 【#】,

Illustration:

【0】 means the function is off, and the monitor center will not receive the alarming if any sensors is triggered.

【1】 means the function is on, and the monitor center will receive all the alarming if any sensors is triggered.

The factory default is off.

9.4 Arm/Disarm Notification to the Monitor Center

In the status of setup, press address code **【74】** on the buttons of the host first, and then press **【0/1】**, finally press **【ENT】** to confirm. The voice will prompt “ setting completed” if the setting is successful.

Illustration:

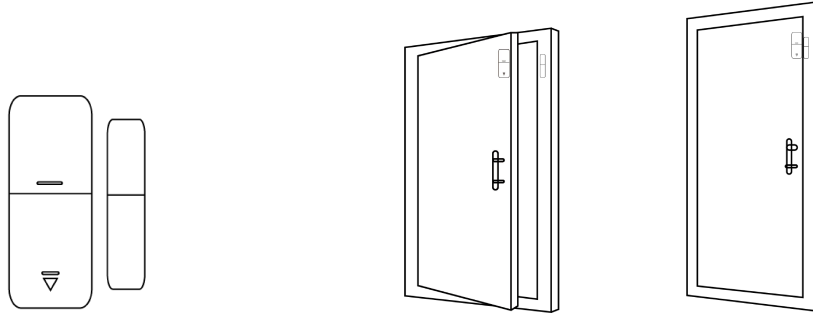
【0】 means the function is off. The Arm/Disarm information will be not notified to the monitor center

【1】 means the function is on. The Arm/Disarm information will be notified to the monitor center

The factory default is off.

10. The Installation of the Detectors

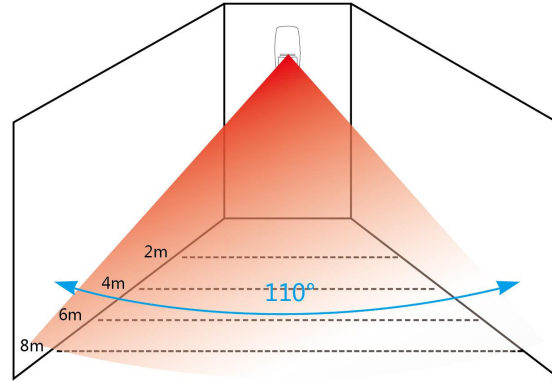
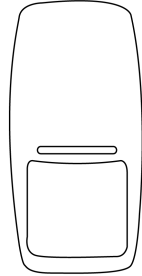
10.1 The Installation Diagram of Magnetic Door Detector:



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.

10.2 The Installing Diagram of PIR Motion Detector:



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.

11. Maintenance

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:

11.11 Check whether the host can arm or disarm normally.

11.12 Check whether the host can call through the phone numbers when alarm occurs.

11.13 Check whether the host can receive the signals from detectors normally and the back-up battery work normally or not.

Detector Inspection:

11.14 Trigger the detector by hand to check whether it can send the alarm signal successfully.

11.15 Check the battery of each detector to see whether it is short of voltage.

11.2 Cautions

11.21 Do not disassemble, repair, transform the product privately, or it will cause fault or accident.

11.22 Do not fall the product on the hard ground to avoid the fault or damage because of the strong crash.

11.23 Do not set “ 911” or any other security departments’ telephone numbers as the alarming phone numbers without any authorization.

12. Technical Parameters

Power Input: DC 5V / 2A;

Standby current: $\leq 65\text{mA}$;

Alarming current : $\leq 300\text{mA}$;

Backup Battery: 4.2V 350mAH rechargeable Lithium battery.

Full charged time: 10 hours. Standby time: 4.5 hours;

Wired Siren volume: 120DB (The default beep time is 180s when alarm);

Alarm Host RF receiving frequency: 433MHz ($\pm 75\text{KHz}$) ,PT2262 / 4.7M Ω EV1527/300K (Customized for 315Mhz);

Alarm Host RF transmitting frequency: 315MHz ($\pm 75\text{KHz}$) ,PT2262 / 4.7M Ω EV1527/300K; (Customized for 433Mhz)

Supported alarming telephone numbers: 6 alarm phone numbers,3 SMS numbers, 1 CID center alarm number;

Supported accessories: 8 remote controllers, 50 wireless detectors, 2 wired detectors;

Distance between accessories and alarm Host: remote controllers <40 meters(in the open distance) , detectors<80 meters(in the open distance);

Factory default password: 1234

Working temperature: $-10^{\circ}\text{C}\sim +50^{\circ}\text{C}$

13.The Factory Default of the Defense Zones

Defense Zone	ARM	HOME ARM	STYPE	ALARM	Siren
Zone 1	Valid	Invalid	Immediate	Door Alarm	ON
Zone 2	Valid	Invalid	Immediate	Hall Alarm	ON
Zone 3	Valid	Valid	Immediate	Window Alarm	ON
Zone 4	Valid	Valid	Immediate	Balcony Alarm	ON
Zone 5	Valid	Valid	Immediate	Fire Alarm	ON
Zone 6	Valid	Valid	Immediate	Gas Alarm	ON
Zone 7	Valid	Valid	Immediate	SOS Alarm	ON
Zone 8-90	Valid	Invalid	Immediate	SOS Alarm	ON
Zone 91-99	Valid	Valid	Immediate	SOS Alarm	ON
Wired Zone 1	Valid	Valid	Immediate	Wired Zone 1 alarm	ON
Wired Zone 2	Valid	Valid	Immediate	Wired Zone 2 alarm	ON
User Password:	1234		Remote Control:	GSM is open	
Siren Beep Time:	180 seconds		Siren Tone:	Close	

14. Common Malfunction

Malfunction	Possible Reasons
The host doesn't make phone call	<ul style="list-style-type: none"> ● System is disarmed ● Set the wrong alarming telephone number. ● Set the alarm delay ● Telephone charges owed
Disable to detect the network	<ul style="list-style-type: none"> ● SIM is not GSM card. ● SIM Card set the PIN code. ● The battery of the host is not enough
Remote Control inflexibly	<ul style="list-style-type: none"> ● The GSM network is weak
Disable to remote control	<ul style="list-style-type: none"> ● Wrong password
The host disable to receive the signal from accessories	<ul style="list-style-type: none"> ● The pairing is not successful ● The accessory is defective
No Alarm delay after setting the alarm delay	<ul style="list-style-type: none"> ● Zone is not programmed to alarm delay
No SMS When Power is off	<ul style="list-style-type: none"> ● System is not in the status of ARM
Siren doesn't beep	<ul style="list-style-type: none"> ● The siren does not connect the power ● Set the siren off when alarm
Accessories can only work in short distance	<ul style="list-style-type: none"> ● Accessories is in low voltage ● Alarm Host is in low voltage ● Interference

Warranty Card

Guest Name: _____ Purchase Date: _____

Telephone: _____

Address: _____

Warranty Duration: _____

Date	Repair Record