

GSM Alarm System



User's Manual

For a better understanding of this product, please read this user manual thoroughly before using it.

Chapter 1. Features

Chapter 2. Control Panel Introduction

Chapter 3. Initialization

Chapter 4. System Settings

- 1. Enter Settings**
- 2. Add Remote Controls**
- 3. Delete Remote Controls**
- 4. Pair Wireless Sensors**
- 5. Delete Wireless Sensors**
- 6. Add RFID Cards**
- 7. Delete RFID Cards**
- 8. Defense Zone Place Setting**
- 9. Defense Zone Mode Setting**
- 10. Siren Ring Time Setting**
- 11. Alarm Delay Setting**
- 12. Alarm Number Setting**
- 13. Delete Alarm Number**
- 14. SMS Number Setting**
- 15. Delete SMS Number**
- 16. Voice Recording**
- 17. Record Play**
- 18. System Date Setting**
- 19. System Time Setting**
- 20. Timely Arm Setting**
- 21. Timely Disarm Setting**
- 22. Wireless Siren Setting**

- 23. Wireless Siren Encryption**
- 24. Change Operate Password**
- 25. Change Program Password**
- 26. Arm Delay Time Setting**
- 27. Alarm Delay Time Setting**
- 28. Voice Prompt Function**
- 29. Siren Prompt for for Arm/Disarm**
- 30. Backlight Setting**
- 31. Siren Setting in SOS Mode**
- 32. SMS Reply for Arm/ Disarm**
- 33. SMS Alert for External Power Failure/ Recovery**
- 34. Language Setting**
- 35. Factory Reset**
- 36. Forget Password**

Chapter 5. Operation Instructions

- 1. Away arm**
- 2. Home Arm**
- 3. Disarm**
- 4. Answer Alarm Call**
- 5. Remote Control**
- 6. Emergency Help**
- 7. Tamper Alarm**
- 8. System Dialing Function**
- 9. Alarming Record Checking**

Chapter 6. Technical Parameters

Chapter 7. Components List

Chapter 8. Care and Maintenance

Chapter 1. Features

- ◆ Elegant and advanced touch keypad for easy operation;
- ◆ 128x64 lattice LCD screen with clock display;
- ◆ 2 wired and 10 wireless defense zones; each wireless zone supports maximum 10 sensors;
- ◆ Support maximum 8 remote controls and 10 RFID cards;
- ◆ One relay switch: it will be connected when alarming;
- ◆ Built-in high-volume speaker, and intelligent digital voice announcer;
- ◆ Built-in voice message which can be heard on alarm call;
- ◆ 10-second voice message recording;
- ◆ Can preset 6 phone numbers: when alarming, system will make audio call to these numbers automatically;
- ◆ Can preset 3 SMS numbers: when alarming, system will send SMS;
- ◆ Timely arm and disarm;
- ◆ Can be used as a wireless telephone by using keypad to make calls;
- ◆ One-key-control: away arm, home arm, arm by remote controller or telephone;
- ◆ SOS, fire, gas, door, hall, window, balcony, and boundary places alarm;
- ◆ Real-time, delay, 24 hours, bypass defense zones programming function;
- ◆ Wireless learning code: easy to add additional wireless accessories;
- ◆ Remote control the device to arm, disarm, monitor, and intercom by phone;
- ◆ Record checking: the device can store 30 alarm records;
- ◆ Different arm status: away arm, home arm, delay arm and timely arm;
- ◆ Arm by different ways: panel keypad, remote controller, remote call, RFID card;
- ◆ Alarm call has the priority: even when the number of the device is busy;


- ◆ SMS alert for power failure or recovery; **SMS alert for RFID card operation;**
- ◆ Built-in LI battery: automatically recharge.


Chapter 2. Control Panel Introduction





1. LCD screen: Resolution: 128x64; default with English and Chinese display (other languages also possible if required).
2. Status LED
 - POWER: power and working status indicator.
 - flashing once per second means the external power supply is disconnected and the panel is run by backup battery;
 - keeps on without flash means the external power supply is normal.
 - SIGNAL: wireless signal indicator.
 - ALARM:
 - flashing quickly when the system is sending alarm SMS or making call;
 - comfort LED flashing (flash very slowly like breath): delay alarming.
3. Touch keypad: this keypad is **Capacitive** Touch Panel which requires press


with certain strength. But please do not push it heavily.

 : when pressed; the system will enter AWAY ARM status. If user set delay arm time, it will enter ARM status after the preset time.

 : when pressed; the system will enter HOME ARM status.

 : used to make call. Enter the number you want to call, and then keep pressing this button. Pressing it during the phone call will hang up the call.

 : short press it, it will clear the input content or back to last operation.

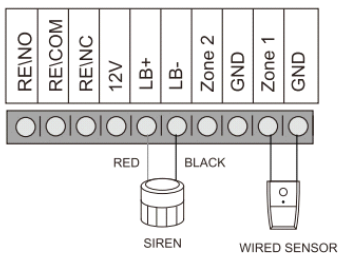
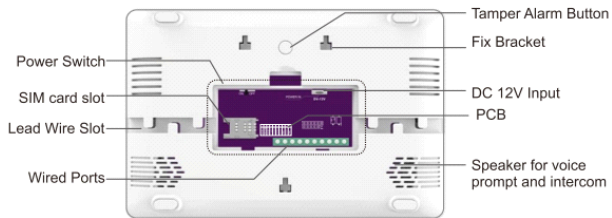
 : keep pressing it without losing, the panel will make SOS alarm.

 : confirm.

4. RFID card reader: when the RFID card is put near this area, there will be blue light flashing. Users can use card to arm or disarm the system.

Arm: swipe the card over this area and take it away when you hear one beep sound and the voice “away arm”.

Disarm: swipe the card over this area and do not take it away for 3 seconds until you hear “disarm”.



5. Wired ports

1	RE\NO	Relay port (normal open). It will be triggered when the system is alarming.
2	RE\COM	GND port of relay
	RE\NC	Relay port (normal close). It will be triggered when the system is alarming.
4	T_VCC	Positive end of 12V output
5	SIREN+	Positive of siren (red cable)
6	SIREN-	Negative of siren (black cable)
7	Zone 2	Wired sensor 2: support both NO and NC
8	GND	GND
9	Zone 1	Wired sensor 1: support both NO and NC
10	GND	GND

The alarm SMS for wire zone: 1/2 Wired zone SOS Alarm

6. Power switch. (Note: you should turn on this switch even you have connected the power adaptor.)
7. SIM card slot: Please pay attention to the direction arrow marked on the slot: “LOCK” “OPEN”. Do not insert or take out the SIM card when the panel is power on.

Chapter 3. Initialization

Correct initiation of the control panel is important to its normal working and lifespan.

1. Connect the wired accessories that you need.
2. Insert SIM card. **Make sure the card has enough balance to make call and send SMS. And do remember to set the PIN code request as off if the SIM card has this request.**
3. Turn on the power switch.
4. Connect the power adaptor. The main panel will start self-inspection and the POWER indicator LED will turn on. If this LED does not light on, you need to restart the panel. Please do it at least 10 seconds later as repeated power on and off in short time is bad to the panel's service life.
5. The signal icon and SIM card icon on the LCD screen will flash when searching signal. And the SIM card icon will disappear after searching GSM network successfully.
6. Check the GSM signal icon on the screen. Normal performance will be affected when the signal has less than 3 bars. **Please put the main panel at the place with good GSM signal. 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.

Chapter 4. System Settings

1. Enter Settings

All the settings have to be done in setting status. Press 2/8/4/6 to turn up/down/ left/ right.


Enter setting status: in the state of disarm, input 6-digit program password (system default: 123123), and then press . The main panel makes a “beep” and the screen shows remote controller setting.

Fig 1: disarm status

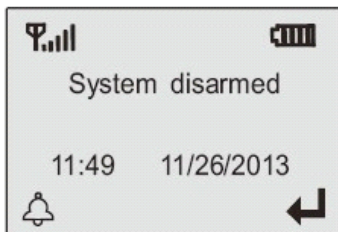


Fig 2: please enter password

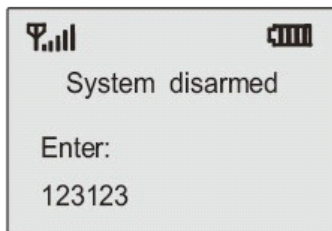
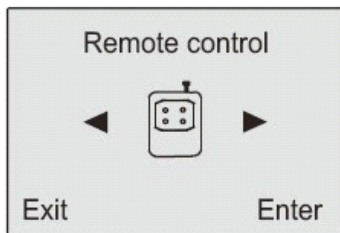




Fig 3: press ENTER to set



press  to set

2. Add Remote Controls

This alarm system supports maximum 8 remote controls. Extra remote controls have to be paired with the panel in order to perform normally. Their pairing code cannot be empty or the same with the saved code in the panel.

Method: enter remote controls setting menu, press “4” or “6” to choose remote control serial number, press “8” to find “pair” and then press  to confirm. Trigger the remote control you want to add, the panel will make two beeps after receiving it. And then press  to confirm. If the remote control has been saved before, after triggering it, the panel will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig 1: enter remote control menu

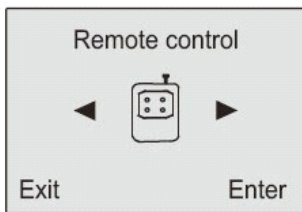


Fig 2: choose remote control serial number and pair menu

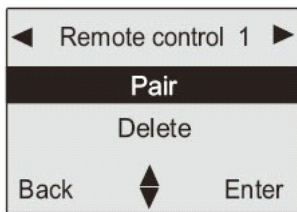
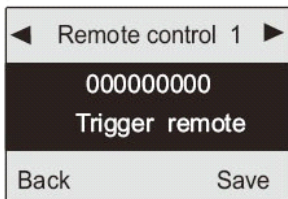


Fig 3: waiting to receive signal



Note: wireless keypad and panic button should also be set as “remote control”.

3. Delete Remote Controls

If the remote control is lost or damaged, it should be deleted. After deletion, it cannot control the main panel.

Method: enter remote control setting menu, press “4” or “6” to choose the remote control you want to delete. Press “8” to find “delete”, and then press



Operation figures: [把第二个图片中的 coding 改成 Pair](#)

Fig 1: enter remote control setting

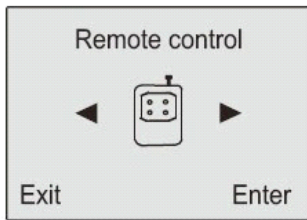


Fig 2: choose the control you want to delete

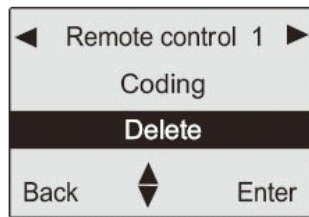
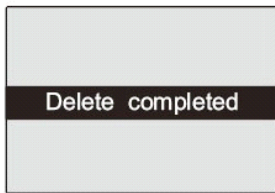


Fig 3: press ENTER to confirm




press  to set

4. Pair Wireless Sensors

This alarm system has 10 wireless defense zones, each of which supports up

to 10 wireless detectors. Extra sensors not in the standard package have to be paired with the panel in order to perform normally. Their pairing code cannot be empty or the same with the saved code in the panel.

Method: enter defense zone setting menu, press “4” or “6” to choose sensor, press “8” to find “pair” and then press  to confirm. Trigger the sensor you want to add, the panel will make two beeps after receiving it. And then press ENTER to confirm. If the sensor has been saved before, after triggering it, the main unit will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig 1: enter defense zone setting

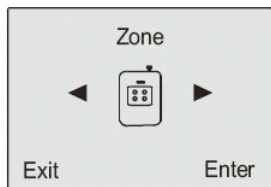


Fig 2: choose zone number and press ENTER

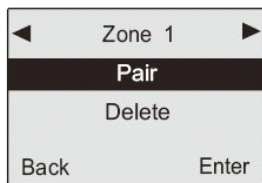
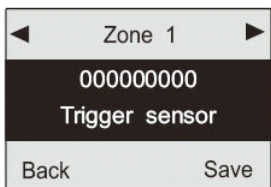



Fig 3: waiting signal from sensor



图片 2:ENTER 改成 

5. Delete Wireless Sensors

The wireless detector can't control the main panel after it's deleted.

Method: enter defense zone setting menu, press “4” or “6” to choose the sensor you want to delete. Press “8” to find “delete”, and then press .

Operation figures:

Fig 1: enter defense zone setting

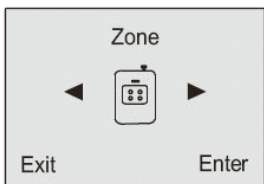


Fig 2: choose zone number

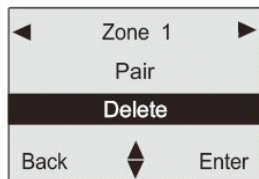
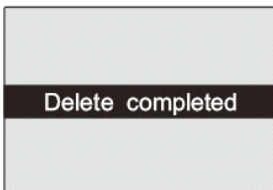




Fig 3: choose Delete and press
ENTER



6. Add RFID Cards

This alarm system supports maximum 10 RFID cards. They have to be paired with the panel in order to perform normally. Their pairing code cannot be empty or the same with the saved code in the panel.

Method: enter RFID card setting menu, press “4” or “6” to choose card serial number, press “8” to find “pair” and then press  to confirm. Swipe the card over the card reading area, the blue LED will flash and the panel will

make one beep sound after receiving it. And then press  to confirm. If the card has been saved before, after triggering it, the panel will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig 1: enter defense zone setting

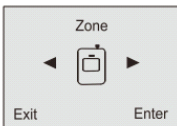


Fig 2: choose zone number and press 

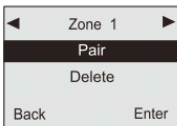


Fig 3: waiting signal from sensor

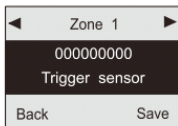


Fig 4A: recognize successfully

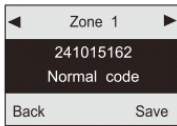


Fig 4B: the host has the same code with sensor code

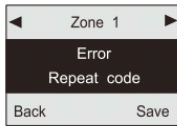



Fig 5: press  to save




- Fig 1: enter RFID card menu
- Fig 2: choose the card number and pair menu
- Fig 3: swipe the card
- Fig 4A: recognize successfully
- Fig 4B: the card has been set before
- Fig 5: press  to save

7. Delete RFID Cards

If the card is lost or damaged, it should be deleted. After deletion, it cannot

control the main panel.

Method: enter card setting menu, press “4” or “6” to choose the card number you want to delete. Press “8” to find “delete”, and then press .

Operation figures:

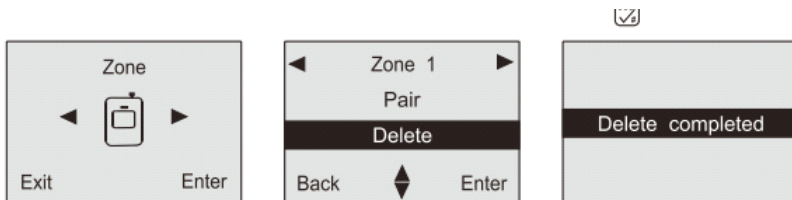



Fig 1: enter RFID card menu

Fig 2: choose the card you want to delete

Fig 3: press  to confirm

8. Defense Zone Place Setting

The location of defense zone can be set in the main panel, so that the panel can send correspondent alarm message. There are 8 locations for alarm: SOS, fire, gas, door, hall, window, balcony, and boundary. Please refer to “Chapter 6. Technical Parameters” for system default settings.

Method: enter defense zone setting menu, press “4” or “6” to choose the zone number, and then press “2” or “8” to enter zone place menu. Press  will shift the places.

Operation figures:

Fig 1: enter defense zone setting

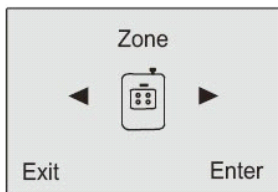


Fig 2: choose defense zone place



Fig 3: press ENTER to confirm

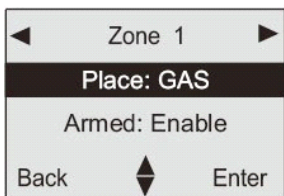


Fig 4: (this example)

Before setting, the alarm SMS for zone 1 is: 1 wireless zone fire alarm;

After setting, it is: 1 wireless **zone** gas alarm.

The format of alarm SMS: [1~10] wireless zone [place] alarm. For example, you set the place of zone 4 as “window”. The alarm SMS you receive is: 4 wireless zone window alarm.

9. Defense Zone Mode Setting

Normally the sensors will work and make an alarm once triggered under arm status. But sometimes you may need some of them work and some not, or some sensors working all the time no matter the system is armed or disarmed.

Then you can do this setting.

For example, you need gas detectors working all the time, please set ARM, HOME, and DISARM as enabled.

Method: enter defense zone setting menu, press “2” or “8” to choose HOME arm status (enable or disable), press ENTER to confirm. Setting methods for Away arm and DISARM are the same.

Operation figures:

Fig 1: enter defense zone setting

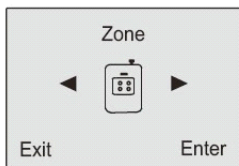


Fig 2: choose mode

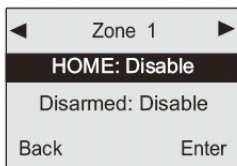


Fig 3: press ENTER to confirm

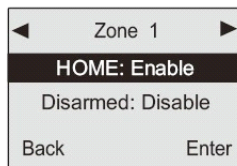


Fig 4: (this example)

Before setting, zone 1 does not alarm in home arm status;

After setting, it will alarm when triggered in home arm status.

10. Siren Ring Time Setting

The siren will ring for 1 minute (default setting) when there is an alarm. The ringing time can be set (0~5min) according to your need. 0 is displayed as “disabled” on the screen. It means there will be no siren sound when alarming.

Method: enter defense zone setting, press “2” or “8” to choose siren enable, and then press ENTER to change the time.

Operation figures:

Fig 1: enter defense zone setting

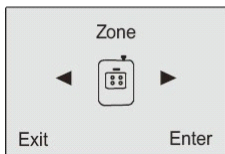


Fig 2: enter siren time setting

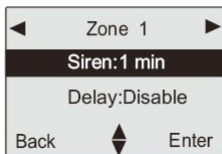


Fig 3: press ENTER to change time

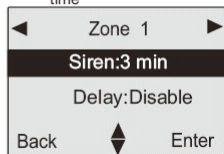



Fig 4: (this example)

Before setting, the siren rings for 1min when alarming;

After setting, the siren rings for 3 min when alarming.

11. Alarm Delay Setting

Alarm delay: the main panel will make alarm call and the siren will ring after the preset delay time.

Method: enter defense zone setting, press “2” or “8” to choose delay enable or disable, and then press  to confirm.

Operation figures:

Fig 1: enter defense zone setting

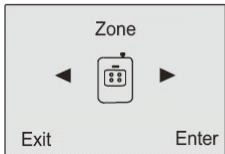


Fig 2: choose delay status

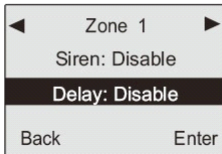


Fig 3: press ENTER to confirm

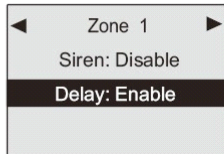




Fig 4: (this example)

Before setting, the panel makes alarm and the siren rings immediately when zone 1 is triggered;

After setting, alarm will be after the preset time. (set the delay time under [system setting])

12. Alarm Number Setting

This system can store 6 alarm phone numbers. When alarming, it will make alarm call to these numbers in order for three times automatically, until someone gets through the call.

Method: enter phone number setting menu, press “4” or “6” to choose serial number and then press . Input the number you want to set, then press  to save.

Operation figures:

Fig 1: enter phone number setting

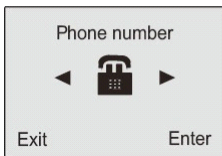


Fig 2: choose serial NO.

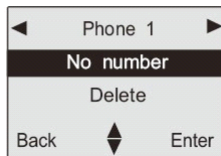


Fig 3: input phone number

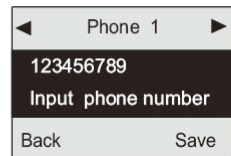


Fig 4: press ENTER to save

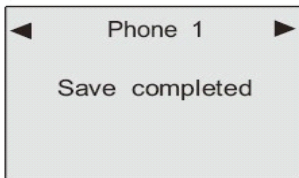
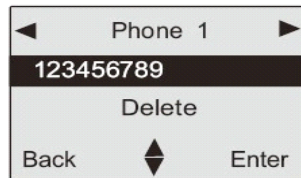



Fig 5: the 1st number is set successfully



13. Delete Alarm Number

Method: enter phone number setting, press “4” or “6” to choose serial number, then press “8” to choose “delete” and then press  to confirm.

Operation figures:

Fig 1: enter phone number setting menu

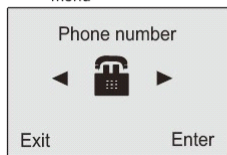


Fig 2: choose the number you want to delete

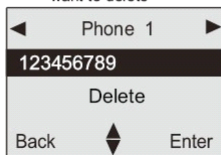


Fig 3: choose "delete"

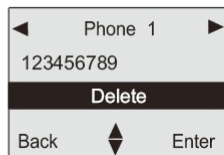
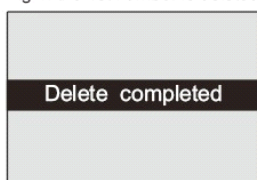




Fig 4: the 1st number is deleted



14. SMS Number Setting

This system can store 3 SMS receiving phone numbers. When alarming, it will send SMS to these numbers.

Method: enter SMS number setting, press “4” or “6” to choose serial number and then press . Input the number you want to set, then press  to save.

Operation figures:

Fig 1: enter SMS number setting

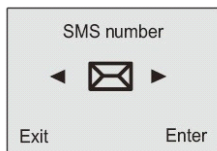


Fig 2: choose serial number and press ENTER

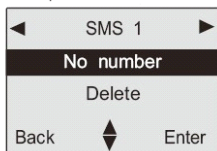


Fig 3: input SMS receiving number

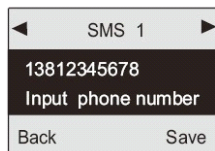



Fig 4: press ENTER to save



15. Delete SMS Number

Method: enter SMS number setting, press “4” or “6” to choose serial number, then press “8” to choose “delete” and then press  to confirm.

Operation figures:

Fig 1: enter SMS number setting

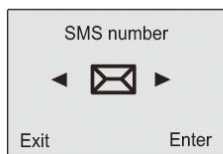


Fig 2: choose the number you want to delete



Fig 3: choose "delete"

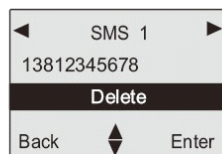
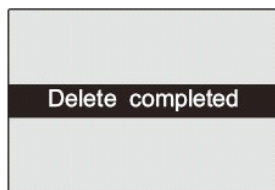


Fig 4: the 1st number is deleted



16. Voice Recording

This system can make 10-second voice record. When alarming, it will make call and play this record.

Method: enter record setting, and start by choosing “start recording”. It will stop automatically 10 seconds later. You can also stop recording by pressing



Operation figures:

Fig 1: enter record setting

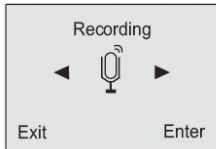


Fig 2: start recording

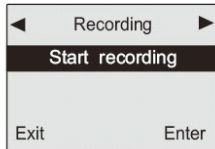
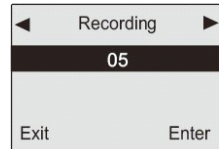


Fig 3: record for 10 seconds



17. Record Play

Enter record setting, and then press “6” to choose “play”. The panel will start playing the voice message you recorded. You can re-record if you’re not satisfied with it.

Operation figures:

Fig 1: enter record setting

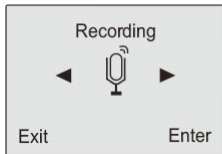


Fig 2: you'll see this menu

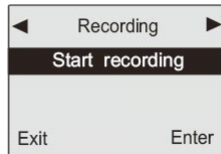


Fig 3: press “6” to choose “play”

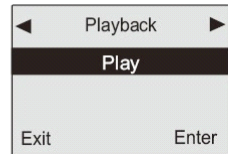
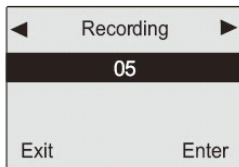



Fig 4: press ENTER to play the record



18. System Date Setting

The date format is month/ day/ year.

Method: enter “Time” menu, and then choose “Date”. Input the exact date you want to set and press  to confirm. Month: 01-12; day: 01-31; year: 00-49. If the number you set is beyond this range, it could not be saved.

Operation figures:

Fig 1: enter time setting menu

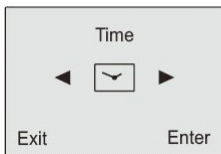


Fig 2: choose date setting menu

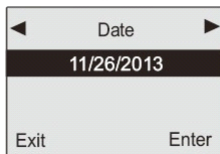


Fig 3: input the date

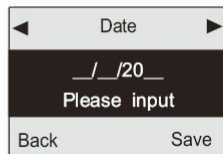



Fig 4: press ENTER to save



19. System Time Setting

Time in this alarm system is 24-hour system. Enter “Time” menu, you will see “Date” menu, then press “6” to choose “Time”. Input the exact time you want to set and press  to confirm.

Operation figures:

Fig 1: enter time setting menu

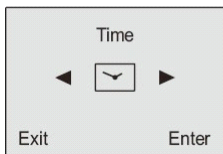


Fig 2: you'll see date setting menu

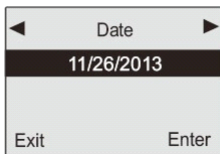


Fig 3: press "6" to choose "time"

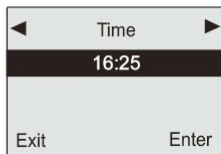


Fig 4: input the time

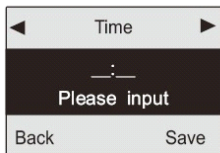
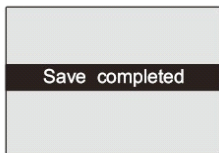



Fig 5: press ENTER to save



20. Timely Arm Setting

After this setting, the alarm system will start arm status at the preset time.

Method: enter "Time" menu, you will see "Date" menu, then press "6" to choose "Timely arm". Input the exact time you want to set and press  to confirm. 24:00 means no delay or disable this function.

Operation figures:

Fig 1: enter time setting menu

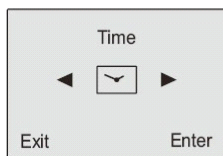


Fig 2: you'll see date setting menu

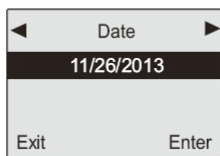


Fig 3: press "6" to choose "timely arm"

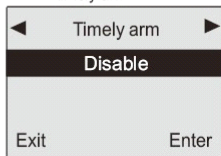
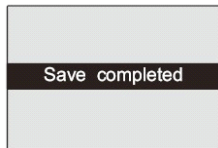



Fig 4: input the time you want to set



21. Timely Disarm Setting

After this setting, the alarm system will disarm automatically at the preset time.

Method: enter “Time” menu, you will see “Date” menu, then press “6” to choose “Timely disarm”. Input the exact time you want to set and press  to confirm. 24:00 means no delay or disable this function.

Operation figures:

Fig 1: enter time setting menu

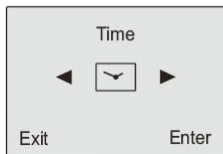


Fig 2: you'll see date setting menu

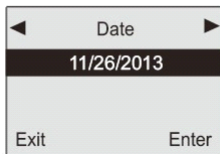


Fig 3: press “6” to choose “timely disarm”

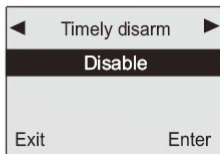
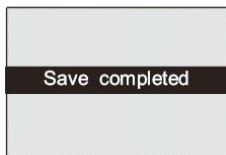


Fig 4: input the time you want to set



22. Wireless Siren Setting

Wireless sirens have to be set with the main panel in order to work normally.

Method: enter “wireless control” menu, you’ll see “control” menu. Choose “Enable” and exit setting. Set the wireless siren which you want to set in coding status. Then press **AWAY ARM, HOME ARM/ DISARM button** on the panel. The panel will send wireless signal to the siren. After receiving the

signal, the siren will make beep sound which means setting successful.

Operation figures:

Fig 1: enter Wireless Control menu

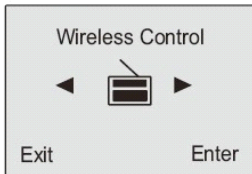


Fig2: control menu

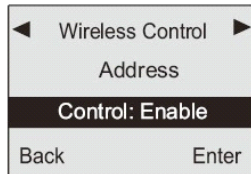


Fig3:

After enable this function, press SOS, ARM/ STAY button on the panel, it will transmit a wireless signal to control the wireless siren.

23. Wireless Siren Encryption

The signal used to code with the wireless siren is sent from the internal transmitter of the main panel. The signal address of all this model from our company are the same. If you and your neighbor both are using this model, the alarm signal from your neighbor may cause your siren sound. So it is recommended to set the wireless siren with another address to avoid the interference.

Method: enter “wireless control” menu, and then “address” menu. Input 6 numbers randomly and then save it. (The default address is 999999.)

Operation figures:

Fig 1: enter wireless control menu

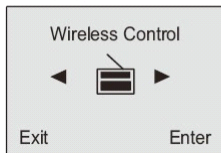


Fig 2: control menu

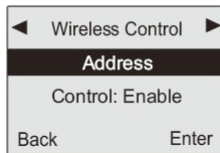


Fig 3: press “6” to choose wireless siren

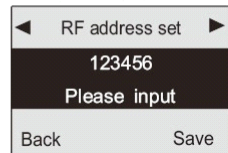
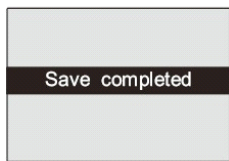


Fig 4: press SAVE to save



24. Change Operate Password

Operate password is for disarm or remote control. System default is 123456.

Method to change this password: enter “settings” menu, and then “operate password”. Input the 6-digit password you want to set, and save it.

Operation figures:

Fig 1: enter settings menu

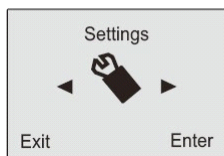


Fig 2: enter operate password menu

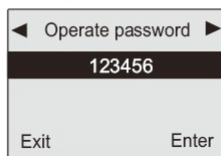


Fig 3: input the 6-digit password

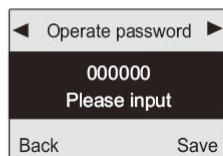


Fig 4: save it



25. Change Program Password

Program password is used to setup the system. System default is 123123.

Method to change this password: enter “settings” menu, and then “operate password”, press ‘6’ to choose “program password”. Input the 6-digit password you want to set, and save it.

Operation figures:

Fig 1: enter settings menu

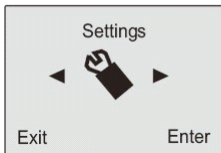


Fig 2: you'll see " program password " menu

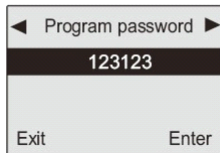


Fig 3: input the 6-digit password

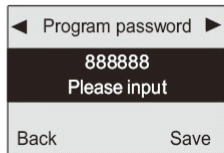
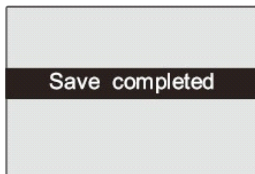


Fig 4: input password and save it



26. Arm Delay Time Setting

After this setting, the system will enter away arm status after the preset time. Delay time ranges from 00-99 seconds. The system default time is 0 second (no delay).

Method: enter "settings" menu, then you'll see "operate password". Press "6" to choose "delay arm". Input the time you want to set and save it.

Operation figures:

Fig 1: enter settings menu

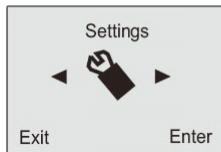


Fig 2: you'll see "Operate password" menu

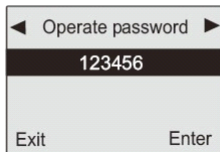


Fig 3: press "6" to choose "delay arm"

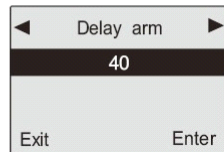
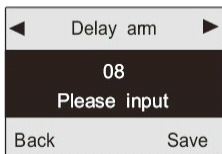


Fig 4: input time and save it



27. Alarm Delay Time Setting

After this setting, when there's an alarm, the system will make call after the preset time. Delay time ranges from 01-99 seconds. The system default time is 60 seconds.

Method: enter "settings" menu, then you'll see "operate password". Press "6" to choose "delay alarm". Input the time you want to set and save it.

Operation figures:

Fig 1: enter settings menu

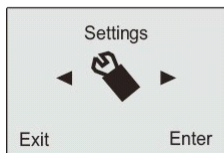


Fig 2: you'll see operate password menu

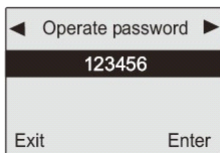


Fig 3: press "6" to choose "delay alarm"

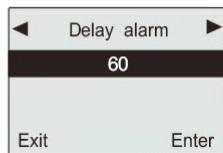
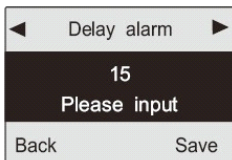


Fig 4: input time and save it



28. Voice Prompt Function

This main panel has voice prompt function. When user press arm or disarm of the remote controller, it will give voice prompt “system armed/ disarmed”. System default for the prompt is on. Users can set it according to actual needs.

Method: enter “settings” menu, then you’ll see “operate password”. Press “6” to choose “voice prompt” and choose “enable” or “disable”.

Operation figures:

Fig 1: enter settings menu

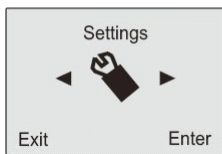


Fig 2: you'll see operate password menu

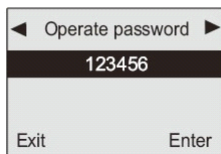


Fig 3: press "6" to choose "voice prompt"

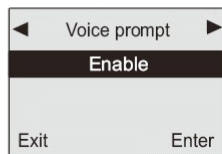
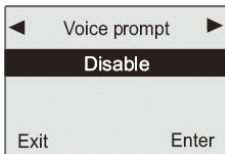


Fig 4: choose enable/ disable



29. Siren Prompt for Arm/Disarm

Turn on this function, the siren will sound a short beep each time you arm/disarm the system. System default is **on**. (This setting is only valid for the wired sirens. For wireless sirens, please check the siren user manual.)

Method: enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “siren prompt” and choose “enable” or “disable”.

Operation figures:

Fig 1: enter settings menu

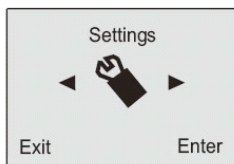


Fig 2: you'll see operate password menu

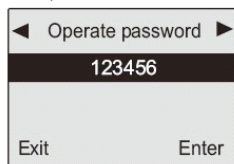


Fig 3: press "6" to choose "siren prompt"

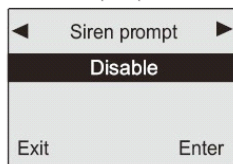
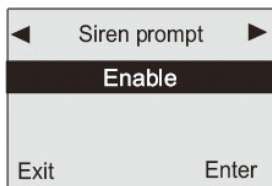


Fig 4: choose enable/ disable



30. Backlight Setting

The backlight of the LCD screen and keypad will be off automatically after a certain period of time when there is no operation on the keys. Users can set it keep on if required. System default is disable.

Method: enter "settings" menu, and then you'll see "operate password". Press "6" to choose "backlight on" and choose "enable" or "disable".

Operation figures:

Fig 1: enter settings menu

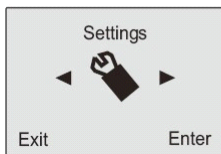


Fig 2: you'll see operate password menu

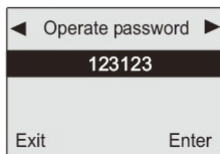


Fig 3: press "6" to choose "backlight on"

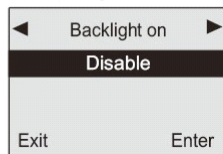
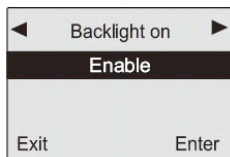


Fig 4: choose enable/ disable



31. Siren Setting in SOS Mode

System default is that when you press the sos button of the remote controller, **the siren will ring**. Users can set it according to the actual needs.

Method: enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “remote siren” and choose “enable” or “disable”.

Operation figures:

Fig 1: enter settings menu

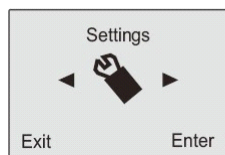


Fig 2: you'll see operate password menu

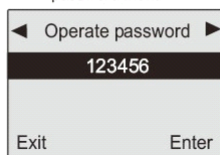


Fig 3: press "6" to choose "remote siren"

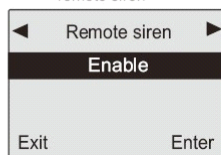
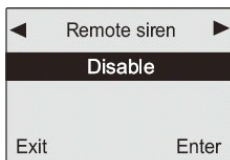


Fig 4: choose enable/ disable



32. SMS Reply for Arm/ Disarm

When the user arm or disarm the system, other users may not know it. Enable this function, the panel will send SMS notification to all SMS numbers, so

that users could know the status of the system in time. SMS content:

Away arm: “system armed”

Home arm: “system armed”

Disarm: “system disarmed”

If the system is armed or disarmed by RFID card, the SMS content is:

RFID 5 arm (the system is armed by the 5th card);

RFID 5 disarm (the system is disarmed by the 5th card).

Method: enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “Arm disarm SMS” and choose “enable” or “disable”.

Operation figures:

Fig 1: enter settings menu

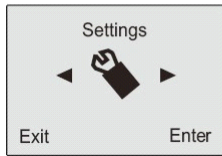


Fig 2: you'll see operate password menu

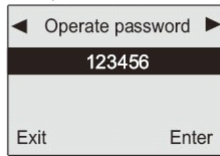


Fig 3: press "6" to choose "arm disarm SMS"

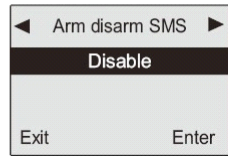
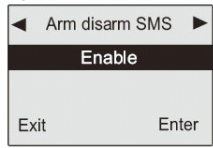


Fig 4: choose enable/ disable



You can also use your mobile phone to send SMS “123456#61#” to the panel to check the system status. Then you can also receive the above SMS.

33. SMS Alert for External Power Failure/ Recovery

When the power adaptor is disconnected or cut off accidentally, the system can send SMS alert to users. The default setting for function is off. You can set

it as “enable”.

Method: enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “AC Power ON/OFF” and set it as “Send SMS”.

Operation figures:

Fig 1: enter settings menu

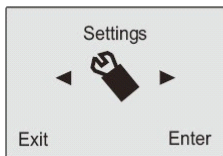


Fig 2: you'll see operate password menu

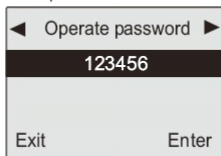


Fig 3: press "6" to choose "AC Power ON/ OFF"

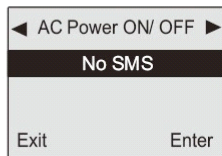


Fig 4: press "ENTER" to choose "Send SMS"

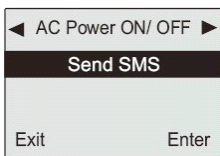



Fig 4: press  to choose “Send SMS”

34. Language Setting

This alarm system supports English and Chinese versions. Please enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “language”. Then press  will shift between Chinese and English.

Operation figures:

Fig 1: enter settings menu

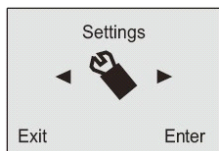


Fig 2: you'll see operate password menu

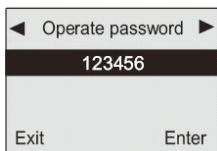
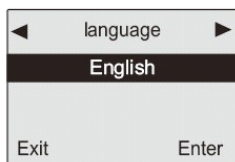


Fig3: press "6" to choose "language"



Fig 4: choose the version you need



35. Factory Reset

When the system is unstable, it is recommended to reset it. Enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “factory setting”. After this operation, all the settings return to factory default.

Operation figures:

Fig 1: enter settings menu

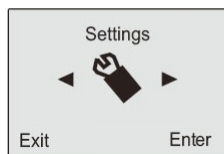


Fig 2: you'll see operate password menu

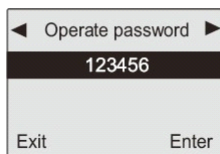


Fig3: press "6" to choose "factory setting"

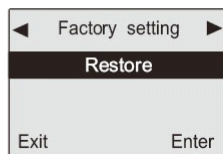
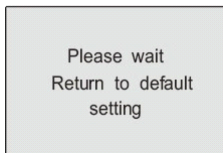


Fig 4: Press ENTER to confirm



36. Forget Password

If users forget the password, they can input 95175308246 under disarm status. The main panel will display “please wait, back to default password”. After this operation, the operate password return to factory setting “123456” and program password to “123123”.

Operation figures:

Fig 1: under disarm status

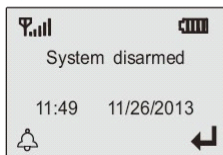


Fig 2: input 95175308246

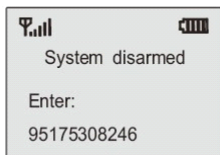
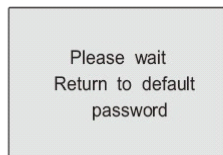



Fig 3: confirm the operation



Chapter 5. Operation Instructions

1. Away arm

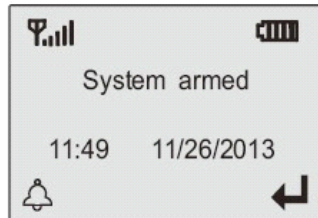
Away arm means all the defense zones are in arm status. When there's nobody at home, it is required to set all the detectors working. Any detection source (such as thief, fire, or gas leakage) trigger the detector, the alarm system will make alarm.

Remote control operation: press arm button [] on the remote control.

RFID card operation: swipe the card over the card reading area

Main panel operation: press [ARM]. The system will enter arm status after the delay time (default: 5seconds). You will hear beep sound (within the preset arm delay time). There will be one beep per each second until the screen displays “system armed”.


SMS operation: send “operate password#1#” (default operate password: 123456)




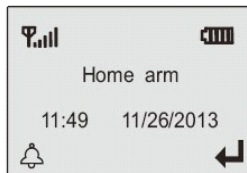
2. Home Arm

Home arm means part of the defense

zones are in arm status. When there's someone at home, it is recommended, for safety purpose, to enable some of the detectors (such as sensors for door, window, balcony, etc), and disable the others (such as sensors for the hall or some places easy to be triggered by person at home).

Main panel operation: press []. The screen will display “home arm”.


Remote control operation: press home arm button [] on the remote control.




3. Disarm

The purpose of disarming the system is to let it not in alert status. One way is normal disarming after operation of arming, and the other is to stop the main unit alarming. After the operation of disarm, all the defense zones except

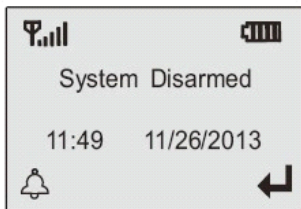
24-hour zone shall not work. The screen will display “system disarmed”.

Remote control operation: press disarm button [] on the remote control

RFID card operation: swipe the card over the card reading area and do not take it away for 3 seconds until you hear “disarm”.

Main panel operation: operate password+ 

SMS operation: send “operate password#2#” (default operate password: 123456)



4. Answer

Alarm Call

When the main unit sounds alarm, it will dial the preset numbers. If no one answers the call, the system will call the next number automatically. It will call all the preset numbers in order for 3 times.

If you answer the call, you will hear the pre-record voice, and then the alarm message (e.g. if zone 01 is triggered, you will hear “01 wireless zone alarming”) You can set system via your telephone or mobile phone keypad.

If you hang up directly without answering the call, the system will call all the numbers circularly for 3 times.

Press [1#]: Main unit stops alarming and Arm; it stops calling users.

Press [2#]: Main unit stops alarming and Disarm; it stops calling users.

Press [3#]: Siren off and monitors the scene.

Press [4#]: Main unit starts two-way intercom. It cannot be controlled by the mobile during the time of intercom.

5. Remote Control

Dial the number associated to the alarm main unit by phone (mobile phone), and after the ringing cycle, you can hear a voice prompt “Please enter password”. If the password is right, you will here “Press 1 to arm, Press 2 to disarm, Press 3 to Monitor, Press 4 to Intercom”. If the password is wrong, you will hear a prompt voice “wrong password, please re-enter”. System default password is 1234.


Press [1#]: arm, if finished successfully, you will hear a voice prompt “System armed”.

Press [2#]: disarm, if finished successfully, you will hear a voice prompt “System disarmed”.

Press [3#]: start monitoring.


Press [4#]: start two-way intercom.

6. Emergency Help

Sometimes, an accident may happen, e.g. a senior person or child suddenly becoming ill or being in great pain, a fire emergency, burglar intrusion. Press SOS button  on keypad, or SOS button on remote control or wireless panic button, the main unit will alarm and make call to the preset user numbers.

Remote control operation: press SOS button on the remote control.

Alarm SMS: X remote control SOS alarm (X: the remote control serial number 1~8).



Main panel operation: press 

Alarm SMS: SOS alarm!

7. Tamper Alarm

There is a tamper alarm button at the back side of the panel. If you install the panel with the bracket (included in the standard pack), this button will be pressed down. When someone is trying to disassemble the panel, the button will turn loose once the bracket is taken off and the system will send alarm SMS at the same time. The SMS content is “System tamper alarm!”.


8. System Dialing Function

During disarm status, you can use the main unit to make any call just like using a land-line telephone. Dial telephone number on keypad, keep pressing [] button unit you see the screen displays the number is calling. After the call, keep pressing [] button again, the call will be hanged up and main unit will be in disarm status.

9. Alarming Record Checking

This alarm system can store 30 alarm records. When the record number exceeds 30, the most previous record will be deleted automatically.

The 1st record is the most previous alarm, and the last record is the latest alarm.

The icon [] will keep flashing if there's alarm record not been checked.



Checking method: In disarm state, press [] button on the panel, you can check the alarm record. Press “4” or “6” to upturn or downturn, and press [] to exit checking. If there's not alarm record, it will display “No alarm record”.

Fig 1: press ESC in disarm status

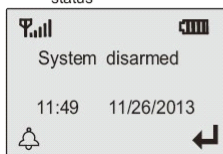


Fig 2: press 4 or 6 to check

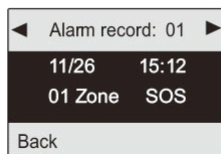
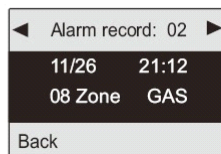


Fig 3: press 4 or 6 to check



Note:

wireless zone alarm record: zone number + zone place (e.g.02 zone Hall)

wired zone alarm record: wired+ zone number+ zone place (e.g. wired 01 GAS)

remote control alarm record: Remote control + control serial number

Panel SOS button alarm record: Panel SOS Alarm

Tamper button alarm record: Tamper alarm

Functions that could be realized by SMS:

Function	SMS (take the default operate password as examples)	SMS reply by the panel
Arm	123456#1#	Arm successful
Disarm	123456#2#	Disarm successful
Check IMEI number	123456#60#	IMEI number
Check the system status	123456#61#	The system status: disarm Or The system status: arm Or The system status: home arm

Chapter 6. Technical Parameters

List 1:

Input Voltage	AC=110~240V \pm 10%, DC12V/1A
Standby Current	<20mA
Alarming Current	<400mA
Wireless Frequency	315/433MHz, PT2262/EV1527, 4.7M Ω
GSM Frequency	850/ 900/ 1800/ 1900MHz
Wireless Receiving Sensitivity	5mV/m
Anti-interference	1V/m (frequency range: 20~1000MHz)
Siren Volume	110dB
Wireless Sensors	100pcs
Remote Controls	8pcs
RFID Cards	10pcs
Working Temperature	0 $^{\circ}$ C~+40 $^{\circ}$ C
Humidity	\leq 90% (no fog)

List 2:

Defense Zone	Away arm	Home Arm	Disarm	Alarm SMS
Zone 1	effective	effective	invalid	1 wireless zone Door alarm
Zone 2	effective	invalid	invalid	2 wireless zone Hall alarm
Zone 3	effective	invalid	invalid	3 wireless zone SOS alarm

Zone 4	effective	invalid	invalid	4 wireless zone SOS alarm
Zone 5	effective	effective	effective	5 wireless zone SOS alarm
Zone 6	effective	effective	effective	6 wireless zone SOS alarm
Zone 7-10	effective	invalid	invalid	7/8/9/10 wireless zone SOS alarm
Wired defense zone (7-10)	effective	invalid	invalid	1/2 wired zone SOS alarm
SOS button on the panel	effective	effective	effective	Panel SOS alarm
Remote control SOS button	effective	effective	effective	X remote control SOS alarm (X: 1~8)
Program Password	123123		Operate Password	123456
Siren Ring Time	1 min		Wireless Control	Enable
Arm Delay	0s		Alarm Delay	60s

Chapter 7. Components List

Main panel 1 pc,
Remote controls 2 pcs,
Mini wired siren 1 pc,

PIR sensor	1 pc,
Door contact	1 pc,
Power adapter	1 pc,
User manual	1 pc.

Chapter 8. Care and Maintenance

The alarm system has excellent design and uses advanced technologies. It shall be used with care. The following suggestions are required to maintain your obligations under the warranty terms, and for prolonging the service life of the system.

- ✧ Place the control panel and all parts and accessories out of children's reach.
- ✧ Keep the alarm system dry. Rain, humidity and various fluids or moisture all will corrupt the electronic circuit.
- ✧ Do not use or place the alarm system in dirty locations, otherwise the electronic elements will be damaged.
- ✧ Do not place the system in excessively hot locations. High temperature will shorten the service life of electronic equipment, damage batteries, deform or even melt some plastic parts.
- ✧ Do not place the system in excessively cold locations. Otherwise condensation may occur and damage the circuit board of the alarm system.
- ✧ It is recommended that you check and test the alarm system periodically:

Check the main unit every three months:

1. Whether it can arm/disarm normally;
2. Whether it can dial the number for alarm normally;
3. Whether it can receive wireless detectors' signal normally;

4. Whether the back-up battery can work normally.

Check the wireless detectors once a month:

1. Trigger wireless detectors to see if system can alarm normally;
2. Check all detectors' batteries to see if it's in low voltage;
3. Check whether wireless detectors can send signal to the main unit normally.

Check the SIM card:

1. Check the use of SIM card, such as network signal, balance, etc.
2. Make sure the PIN code verification of the SIM card is closed.
3. Please keep the password and SIM card number safe, in case that other people remote control the system illegally.

✧ Since the alarm system is continuously in operation or standby mode, the supply adaptor of the control panel shall be connected to a safe and reliable socket.

✧ Do not place the system near your bedroom or office table, because the siren will make high-loudness sound in the case of alarm, which may adversely affect your rest or work.

✧ If the alarm system will not be used for a long time, please disconnect the system from the power supply.

✧ Please do not disassemble, repair or alter the products without permission, or it may cause accidents and faults.

✧ Do not drop this product on the ground or on hard objects, as it may lead to massive impact to cause faults and damages.

✧ Without approval and consent of relevant authorities, please do not set "112", "911" or the alarm phone number of police station for this main unit.

Please read the suggestions above carefully and follow the instructions herein.

If any of the equipment does not work properly, please send it to the dealer or authorized service point for repair. We will try our best to solve the problem for you as soon as possible.

The following sensors are optional:



Signal booster



Wireless Keypad



Solar Power
Flash Siren



Door sensor



Panic Button



Remote controls



Smoke Detector



Gas Detector



PIR Detector

Optional sensors/detectors are packed separately. You can choose according to your specific requirements.