



H7 GSM Alarm System

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### 1. Product Summary

H7 GSM alarm system adopts the up-to-date digital sensor and transfer technology, which integrates burglar, and fire/gas protection for smart alarm system. The H7 Alarm System supports LCD display, voice, SMS, multi-languages ,capacitive touch keypad & RFID identification, and CONTACT ID protocol with the advanced GSM wireless network digital signal processing technology and automatic temperature compensation. Users can remotely control and set the panel host in APP with user-friendly design and operation. When alarm happens, it will open the siren and inform the users by telephone or SMS. H7 Alarm System is a advisable choice for personal house 's security, working office's security and factory's security with fashionable appearance and multi-functions.

For a better service for users, please read this user's manual before installing and operating this alarm system.

We reserve the right to manual modification and explanation, so the manual changes without any prior notice.

### 2. Main Features

- ◆ Capacitive touch buttons, fashionable design, long service life without any mechanical contact.
- ◆ Dot-matrix LCD, Chinese/English image-text display , creative operation alarm system.
- ◆ With Access Control System, users swipe card to disarm without remote controller. Host sends notification about swiping. (optional function)
- ◆ Built- in LED will be auto-off when user turns off.
- ◆ Support child-lock. Avoid wrong operation by child.
- ◆ Built-in temperature sensors can display temperature on site .Optional Fahrenheit or Celsius .
- ◆ Support 4 alarm clocks . Optional clock time for setting.
- ◆ Designed by class codes, a set of program code, a set of user code, a set of duress code.
- ◆ Built-in industrial quad band GSM module, globally applicable, can send alarm notification via voice calling and SMS.
- ◆ Support 32 wireless zones and 4 wired zones. Zone No.01-No.04 is used jointly by wireless zones and wired zones. 3 detectors for each wireless zone, 11 zone types are optional for zone 01-16: delay, burglar, perimeter, fir, gas, duress, panic and medical, doorbell notification, doorbell alarm and stop. Zones 17-32 are fixed the burglar type.
- ◆ Name of zone 01-16 can be modified by users.
- ◆ Connect network with alarm center, compatible Contact ID Protocol.



- ◆ Support 8 remote controllers maximum , home arm and away arm.
- ◆ Operate by IOS or Android system based smart phone.
- ◆ Multi-languages are optional.
- ◆ Support 8 alarm numbers. Alarm phone type can be set in SMS, dialing and SMS & dialing.
- ◆ Support 20s user-defined recording which can be replayed. Alarm host will play the recording to users when voice alarming.
- ◆ Support door open/closed notification, in case of arming failure with door or window open.
- ◆ Support 4 fast call number or direct-call by inputting number in keypad. Support HR answering call.
- ◆ Support one button calling, two way communications and SOS for elders.
- ◆ Support monitoring on site. One set of interface for wired siren and wireless siren.
- ◆ Battery power capacity can be displayed when only battery power is used.
- ◆ Report of AC and battery power status, optional on/off.
- ◆ Report of arming/disarming status, optional on/off.
- ◆ Support remote operation by SMS for arming, disarming, monitoring and querying status etc.
- ◆ 2 arming/disarming timers can be set based on weekdays and weekends
- ◆ Built-in high power capacity 1200mAh lithium battery can be standby 8 hours at least
- ◆ Support 30 pieces of latest alarm records and querying by date.

## 3. System Introduction

### 3.1. Installation

#### 1. Panel Installation

All wires of the system should be connected & hidden on the back of the cover of panel. The panel can be installed on desk or hanged on wall with an easy and convenient operation. Please install the bracket first before installing the panel on a desk or wall and make sure that the panel is installed in the center with good GSM signal and wireless signal reception. Keep the panel away from big metal objects, high-frequency household appliances, concrete walls and firewall.

#### 2. Wireless Detectors Installation

Install the enrolled detectors in an effective distance from alarm system as the user's manual of wireless detector describes. Make sure to test the detectors and alarm system after installation.

Wireless transmitting function: when the alarm system may not receive the signal from wireless detectors due to far distance or wall-shading between wireless detectors and alarm host, the wireless repeater can be chosen to lengthen transmitting distance .

## 3.2. Panel Introduction

### 1. Front of panel

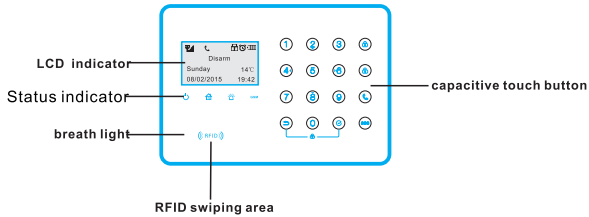


Figure 1. Front of panel

### 2. LCD: Image resolution: 128\*64, Chinese/English.

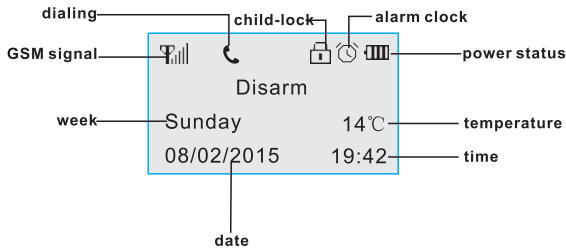


Figure 2. LCD

**Note:** The signal level of GSM module is 0-5. 0 means no signal, the signal over 3 means normal working.

### 3. Indicator

Indicator	Light on	Light off	Fast flashing	Slow flashing
	AC power	Battery power		Panel or detector battery low power
	Away arming	disarming		Home arming
	Door open	No alarm	Alarming	
<b>GSM</b>	GSM working		GSM fault/GSM initialization failed	Weak or no signal of GSM

### 4. Capacitive Touch Button

- : Away Arming ,long press for 3s
- : Disarming,first input user's code, then press
- : Calling,first input dialing number, then press
- : SOS,press for 3s

- ⊖ : Back,press ⊖ for backing the previous step
- ⊕ : OK,press ⊕

## 5. Back of Panel

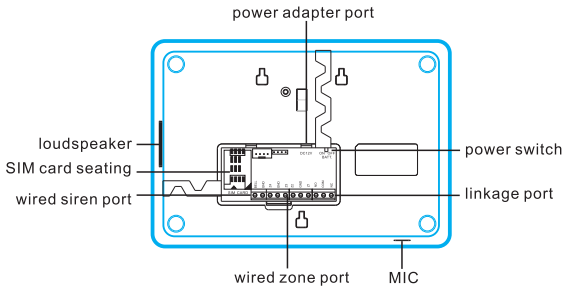


Figure 3. Back of Panel

### 1. wired zone port

4 wired zone port respectively are “Z1 & GND”、“Z2 & GND”、“Z3 & GND” and “Z4 & GND”. The zone loop should be connected with 2.2k resistance of end of line.

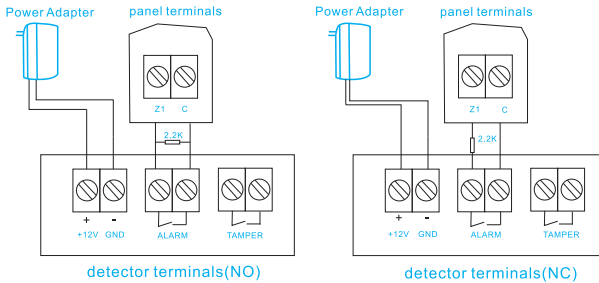


Figure 4. Zone Wiring Diagram

### 2. linkage port

linkage port is used to link the network camera or other household appliances. NC is normal close port, NO is normal open port, COM is the common ground port.

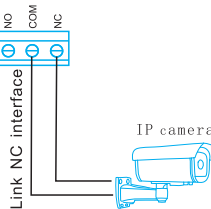


Figure 5. Linkage Network Camera

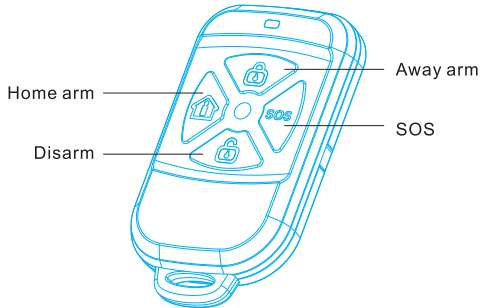
### 3. Siren port

Siren port is used to connect wired siren or alarm lamp, and the port current cannot be beyond **150mA**. Please be careful of the polarity when connecting with wired siren. The positive side of siren should be connected with BELL port, and passive side of siren should be connected with GND port. Recommend to adopt **12V** piezoelectric outdoor siren.

### 4. Illustration of Beep

Beep	Illustration
A short “Di”	Enrollment succeed Arming succeed
A long “Di”	Fault operation The accessory/RFID has been already enrolled.
Two short “Di”	Correct operation Disarming succeed
A short “Di”/s	Arming delaying Alarm delaying
A long “Di”/15s	Detector low power
five short “Di”/s	Alarm clock

### 3.3. Remote controller



#### 1. Away arming

Away arming refers to arm all the detectors of whole house when users are out of home. When detectors are triggered by burglar/fire/gas, panel host will alarm immediately.


#### 2. Home arming

Home arming refers to arm some of detectors outside for safety when users are in house. In other words, some of detectors will be working , while others are not. Users can set the protected zone In the home arming list .

### 3. Disarming

Disarming refers to stop all the sensors working and terminate panel host alarming. Panel host will not alarm even if detectors are triggered.

### 4. Emergency

When emergency happened , users can long press  in the panel host for 3s, then the panel host will be alarming immediately or press SOS button in the remote controller

## 3.4. Functions

### 1. Connecting with alarm center

When Alarm system are connected with alarm center by ADEMCO Contact ID protocol, the alarm phone type must be set in “CID” and users should preset a CID account in info report.

### 2. RFID card report

Users can swipe the RFID card to disarm and the panel host will send RFID card report to the preset phone about swiping. Users should preset RFID card's notification phone number and RFID card's notification SMS.

### 3. Door open/closed setting

#### 3.1. Door open/closed

In order to avoid arming failure when door/window is open or closed, users can freely choose the door open/closed function for any zones. When door open/close setting is enabled, panel host cannot arm those detectors until door/window is closed.

#### 3.2. Force arming

When users want to arm the zones with open door/window, force arming is needed. Once force arming setting is enabled, those detectors cannot triggered until door/window is closed.

### 4. Disarming in mute

With home arming operation, the beep volume will be gradually decreased with system default and the beep volume of the next arming/disarming operation also will be gradually down. When users want to away arm/disarm in mute with remote controller, first press home arming button, then away arming/disarming button.

### 5. Doorbell notification

Preset in the “doorbell notification” zone type, the detectors are triggered under the disarming and home arming status, the panel host will beep “dingdong” ; the detectors are triggered under the away arming status, the panel will send doorbell notifications to preset RFID card number.

### 6. Doorbell alarm

Preset in the “doorbell notification” zone type, the detectors are triggered under the

disarming status, the panel host will beep “ding dong” ; the detectors are triggered under arming status, the panel will alarm.

### 4. Initial Charging

According to the installation, users should put the SIM card into SIM card slot back of panel, then put the power adapter into power outlet back of panel. At the same time, the LCD, indicators and backlights of panel will be lighted on, then the panel starts to detect GSM network. GSM light fast flashing means the panel is searching GSM network, while that GSM light turns into long light, it means GSM network and SIM card is normal working. If GSM light is flashing all the time, it means SIM card is not installed or SIM card is abnormal.

## 5. System Operation

### 5.1. Help Menu

#### 1. Keypad Operational Order Chart

Function	Keypad Operation	Instruction
<b>Arming/Disarming Order</b>		
Away Arm	[User Password][*]	User Password Factory Default: 1234
Away Arm	[*](Press 3s)	Fast arm
Home Arm	[User password][0][*]	User Password Factory Default: 1234
Disarm	[User password][*]	User Password Factory Default: 1234
Duress Disarm	[Duress password][*]	Duress Password Factory Default: 1235, Panel disarm , report of duress alarm
<b>Programming Order</b>		
Enter Programming	Program password][*]	Program Password Factory Default : 888888 Effective under disarming status.
Exit Programming	[*]	Under programming status.
<b>Call Order</b>		
Fast Call	[1/2/3/4](Press 3s)	Preset number in the fast call number list
Call	[Number][*]	
<b>Daily Operation Order</b>		
Panel Reset	[User Password][8][*]	User Password Factory Default: 1234 Effective under disarming status

Open Linkage	[21][☺]	
Close Linkage	[22][☺]	
Record	[23][☺]	
Playback	[24][☺]	
SOS	[☺](Press 3s)	
Child- lock	[☺][☺](press 3s together)	
Querying Order		
View Alarm Log	[13][☺]	30 pieces of alarm records
View System	[14][☺]	View software version No. & system language
Background Operation Order		
Restore All Passwords	[1122334401][☺]	Only restore user password, duress password & program password
Restore Factory Fault	[1122334402][☺]	Restore factory fault, but not wireless device code & RFID card
Restore Factory Fault	[1122334403][☺]	Restore all factory fault

## 2. Entering Help Menu

In the standby status, press ☺ for 3s, then enter the help menu which is built in panel.

Help Menu	Help Menu	Help Menu
1.Arm/Disarm	3.Call	4.Daily Operation
2.Program	4.Daily Operation	5.Query
Back ⬇ Enter	Back ⬇ Enter	Back ⬇ Enter

## 5.2. Daily Operation

### 1. Fast Calling

Input 1/2/3/4 to call phone preset in the fast call list.

Figure 1: input [1]/[2]/[3]/[4] for 3s or fast call

Figure 2: waiting for answering

Figure 3: answering

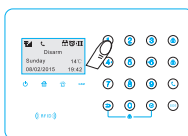


Figure 1

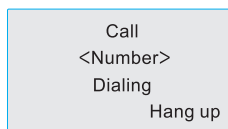


Figure 2

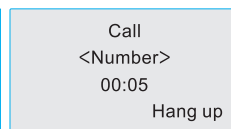


Figure 3

### 2. Calling

First Input the phone number, second press ☎, then wait for answering.

Figure 1: Input the phone number and press ☎

Figure 2: waiting for answering

Figure 3: answering

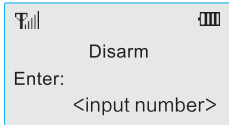


Figure 1

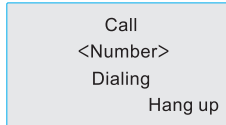


Figure 2

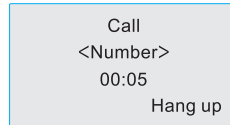


Figure 3

### 3. Answering

When the ring bell function is set in the system setting, all the phone call to panel will be answered by the panel host.

Figure 1: ringing

Figure 2: answering

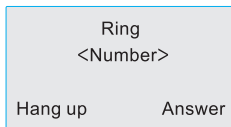


Figure 1

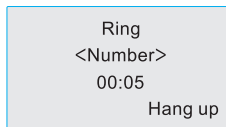
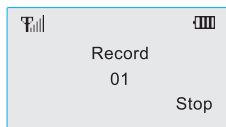


Figure2

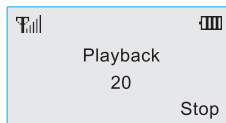
### 4. Ecording

In the disarming status, first input [23], second press ☎ button, then panel is entering the interface of recording. At this time ,users can start to record and end with ☎ button or end it itself. The recording can last 20s maximum.



### 5. Playback

In the disarming status, first input [24], second press ☎ button, then panel is entering the interface of playback. If there is no recording , panel will beep a long "Di". Users can press ☎ button to stop the playback or it will be ended itself.





### 6. Viewing Alarm Records

The alarm system will reserve 30 piece of alarm records. The first record is the latest alarm event. When alarm records are beyond 30 pieces, the earliest records will be automatically deleted by alarm system.



The way to view the alarm records: In the disarming status, first input [13], second press  button, then panel is entering the interface of viewing alarm records. At this time , input [4]/[6] to query alarm records and press  button to exit .

Figure 1: input [13]

Figure 2: enter the interface of alarm records

Figure 3: input [4]/[6] to query viewing alarm records

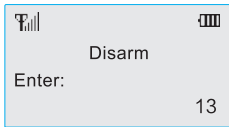


Figure 1

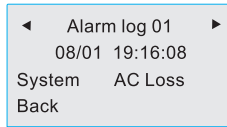


Figure 2

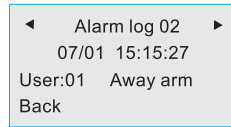

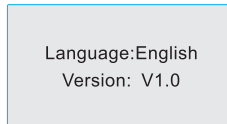


Figure 3

### 7. Viewing System Information

In the disarming status, first input [14], second press  button, then panel is entering the interface of viewing system information.



## 6. System Program

### 6.1. Enter System Program

#### 1. Enter Program

Only entering the system programming status, all related operation of system can be programmed. After entering, press [2] button of panel to turn over menu up; press [8] button to turn over menu down; press [4] button to turn over menu left, press [6] button to turn over menu right.



The way to enter programming: in the disarming status, first input program password of six digits (factory fault: 888888), then press .

Figure 1: in the disarming status

Figure 2: input program password

Figure 3: press 

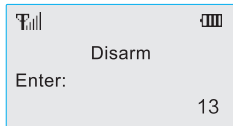


Figure 1

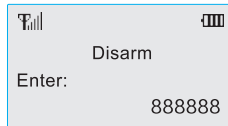


Figure 2

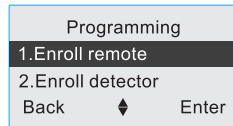


Figure 3

## 6.2. Enroll Remote Controller

### 1. Enroll Remote Controller

The alarm system can enroll 8 remote controllers maximum. If there is a “√” mark, then it means it has already enrolled before. Users should delete it first, then the remote controller can be re-enrolled.

Figure 1: enter remote controller menu.

Figure 2: input [4] or [6] to choose “Remote Controller NO.” menu

Figure 3: input [2] or [8] to choose “Enroll” menu, then press “enter”

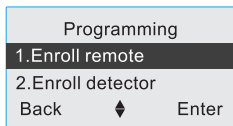


Figure 1

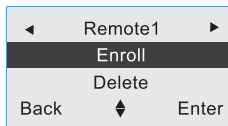


Figure 2

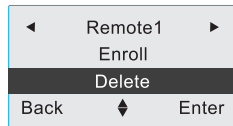


Figure 3

Figure 4: wait for triggering remote controller

Figure 5: enroll repeatedly

Figure 6: enroll successfully

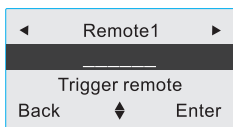


Figure 4

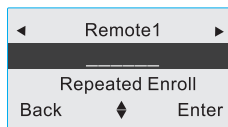


Figure 5

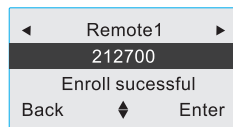


Figure 6

### 2. Delete remote controller

Figure 1: enter remote controller enrollment menu

Figure 2: input [4] or [6] to choose the “Remote Controller No.”

Figure 3: input [2] or [8] to choose the "Delete" menu

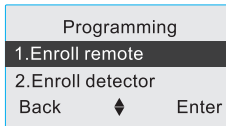


Figure 1

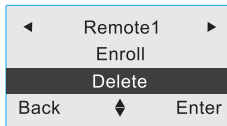


Figure 2

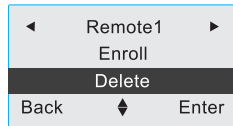



Figure 3

Figure 4: press  button, then delete successfully

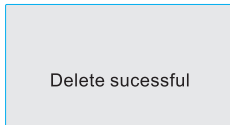


Figure 4


## 6.3. Enroll Detector

### 1. Enroll Detector

The alarm system supports 32 wireless zones, 3 detectors for each zone, totally it is allowed to enroll 96 detectors. If there is a "√" mark near zones, it means it has already enrolled before, the users should re-enroll detectors.

Figure 1: enter detector enrollment menu

Figure 2: input [4] or [6] to choose the "Zone No." menu

Figure 3: input [2] or [8] to choose the "Address No.", then press  button.

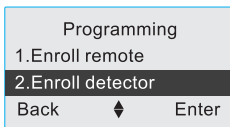


Figure 1

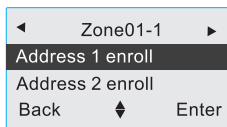


Figure 2

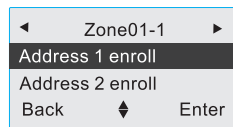


Figure 3

Figure 4: wait for triggering the detector

Figure 5: enroll repeatedly

Figure 6: enroll successfully

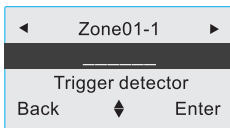


Figure 4

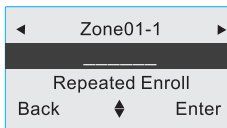


Figure 5

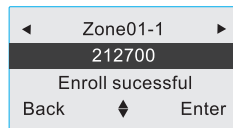


Figure 6

## 2. Delete detector

Figure 1: enter the detector enrollment menu

Figure 2: input [4] or [6] to choose the "Zone No." menu

Figure 3: input [2] or [8] to choose "Delete" menu

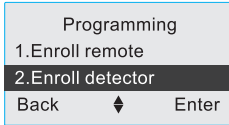


Figure 1

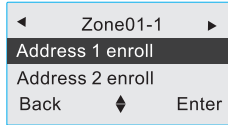


Figure 2

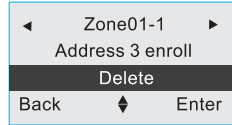



Figure 3

Figure 4: press  button, then delete successfully

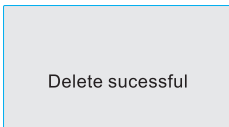


Figure 4

## 6.4. Enroll RFID card

### 1. Enroll RFID card

The alarm system supports to enroll 8 RFID cards. If there is a "√" mark near enrollment, it means it has already enrolled before, the users can re-enroll detectors.

Figure 1: enter RFID card enrollment menu

Figure 2: input [4] or [6] to choose "RFID Card No." menu


Figure 3: input [2] or [8] to choose "Enroll" menu, then press  button



Figure 1

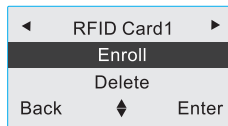


Figure2

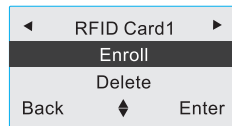


Figure 3

Figure 4: wait for triggering RFID card

Figure 5: enroll repeatedly

Figure 6: enroll successfully

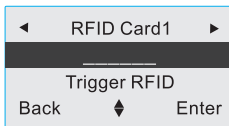


Figure 4

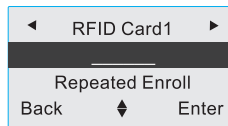


Figure 5

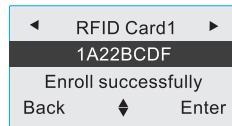


Figure 6

### 2. Delete RFID card

Figure 1: enter the RFID Card Enrollment menu

Figure 2: input [4] or [6] to choose the "RFID Card No." menu

Figure 3: input [2] or [8] to choose "Delete" menu



Figure 1

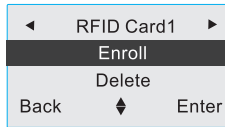


Figure 2

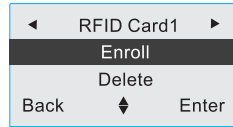



Figure 3

Figure 4: press  button, then delete successfully

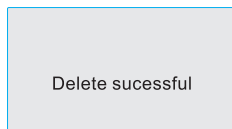


Figure 4

## 6.5. Alarm Number

### 1.Set Alarm Number

Alarm number refers to the phone number to which panel host send the report of alarm when alarm happened. Each number includes 20 digits maximum. The alarm system can set 8 alarm numbers. When alarm event happened, the alarm system will call to users one by one and it cannot stop until all the numbers are confirmed the alarm event.

Figure 1: enter Alarm Phone programming menu

Figure 2: input [4] or [6] to choose "Alarm Phone No." menu

Figure 3: input [2] or [8] to choose "Number" menu

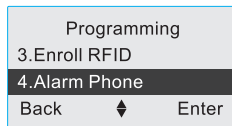


Figure 1

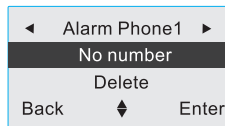


Figure 2

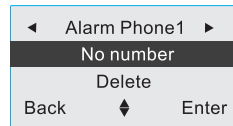


Figure 3


Figure 4: input the number, press  button to preserve

Figure 5: preserve successfully

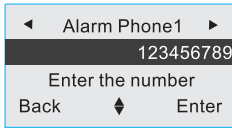


Figure 4

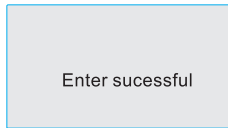


Figure 5

## 2. Delete Alarm Phone

Figure 1: enter Alarm Phone programming menu

Figure 2: input [4] or [6] to choose the "Alarm Phone No." menu

Figure 3: input [2] or [8] to choose "Delete" menu

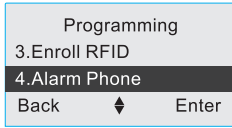


Figure 1

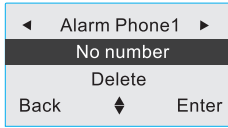


Figure 2

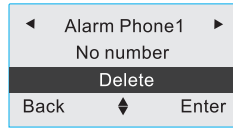



Figure 3

Figure 4: press  button, then delete successfully

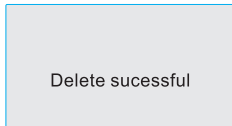


Figure 4


## 3. Set Alarm Phone Type

The types of alarm phone number: SMS, dial, SMS & dial and CID are optional.

Figure 1: enter alarm phone programming menu

Figure 2: input [4] or [6] to choose "Alarm Phone No." menu

Figure 3: input [2] or [8] to choose "Type" menu

Figure 4: input  button to modify the alarm phone type.

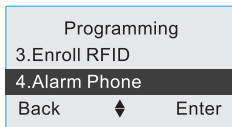


Figure 1

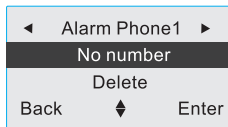


Figure 2

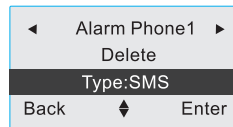


Figure 3

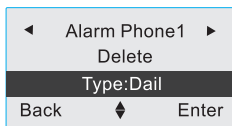


Figure 4


## 6.6. Information Report

### 1. Arming/Disarming Report

The types of Arming/Disarming report: SMS, CID and SMS & CID are optional.

Figure 1: enter alarm Information Report programming menu

Figure 2: input [2] or [8] to choose "Arming/Disarming Report" menu

Figure 3: input  button to modify the type of arming/disarming report

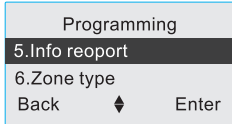


Figure 1

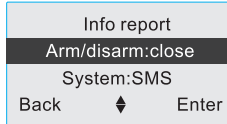


Figure 2

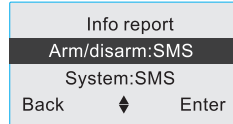


Figure 3


### 2. System Information Report

The types of System Information Report: SMS, CID and SMS & CID are optional.

System Information Report includes: report of AC power default of panel & report of AC power recovery of panel, report of battery low power default of panel & report of battery low power recovery of panel, report of battery low power default of detector & report of battery low power recovery of detector and report of test timer.

Figure 1: enter Information Report programming menu

Figure 2: input [2] or [8] to choose "System Information Report" menu

Figure 3: input  button to modify the type of System Information report

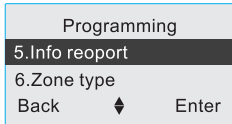


Figure 1

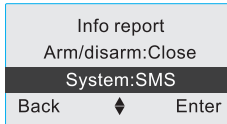


Figure 2

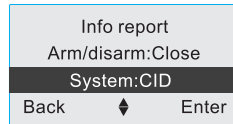



Figure 3

### 3. Set CID Account

CID Account refers to an identification when alarm system connects with alarm center. If users want to connect with alarm center, it is a must to set CID account.

Figure 1: enter Information Report programming menu

Figure 2: input [2] or [8] to choose "CID Account" menu.

Figure 3: input  button to enter the CID account modifying

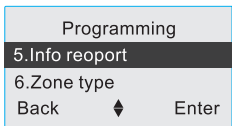


Figure 1

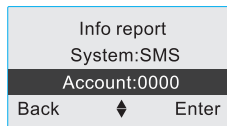


Figure 2

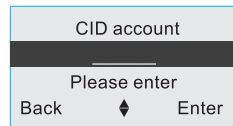


Figure 3


Figure 4: input CID account with 4 digits, then press  button to preserve

Figure 5: reserve successfully

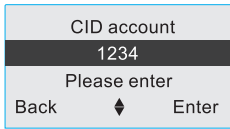


Figure 4

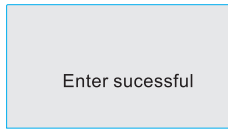


Figure 5

## 6.7. Zone Type


### 1. Set Zone Type

The 11 zone types of alarm system: delay, burglar, perimeter, fir, gas, duress, SOS, medical, doorbell notification, doorbell alarm and stop are optional.

**Note:** only zones 01-16 are optional for setting zone type, zones 17-32 are fixed to burglar type.

Figure 1: enter zone type programming menu

Figure 2: input [4] or [6] to choose "Zone Type" menu

Figure 3: input  button to modify the zone type

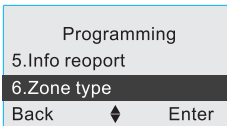


Figure 1

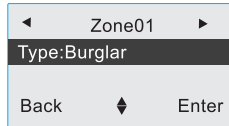


Figure 2



Figure 3

Zone Type	Alarm Delay	Alarm Output	Arming	Disarming
Delay	√	√	√	×
Burglar	×	√	√	×
Perimeter	×	√	√	×
Fir	×	√	√	√
Gas	×	√	√	√
Duress	×	×	√	√
SOS	×	√	√	√
Medical	×	√	√	√
Doorbell Notification	×	×	√	×
Doorbell Alarm	×	√	√	×
Disable	×	×	×	×



## 6.8. Home Arm List

### 1. Set Home Arm List

It is used to set those zones in the arming status at home.

Figure 1: enter Home Arming List programming menu

Figure 2: input [4] or [6] to choose the "Zone No." menu


Figure 3: input  button to choose home arming enabled or disable.



Figure 1

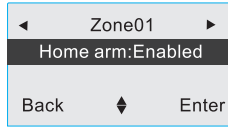


Figure 2

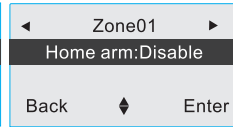


Figure 3

## 6.9. Delay Time & Dial Times

### 1. Set Arming Delay Time & Dial Times

Arming delay time refers to time between arming and alarming. The time range of arming delay: 0 – 255s.

Figure 1: enter Delay Time & Dial Times programming menu

Figure 2: input [2] or [8] to choose the "Arming Delay Time" menu

Figure 3: input  button to enter time setting

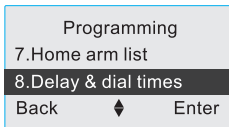


Figure 1

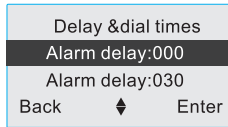


Figure 2

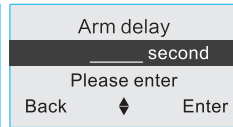


Figure3


Figure 4: set delay time, then press  button to preserve

Figure 5: preserve successfully

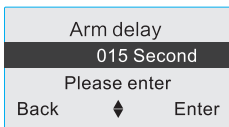


Figure 4

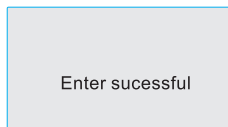


Figure 5

### 2. Set Alarming Delay Time

Alarming delay time refers to time range from the detector triggered to panel alarming. The time range of alarming delay: 0 – 255s.

Figure 1: enter Delay Time & Dial Times programming menu

Figure 2: input [2] or [8] to choose the "Alarming Delay Time" menu

Figure 3: input  button to enter time setting

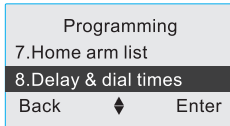


Figure 1

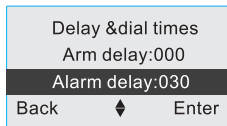


Figure 2

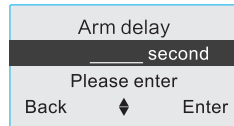


Figure 3

Figure 4: set delay time, then press button to preserve

Figure 5: preserve successfully

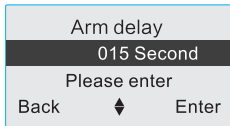


Figure 4

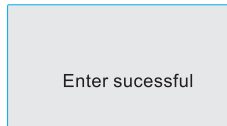


Figure 5

### 3. Set Dial Times

Dial times means that the re-dial times when panel send report of alarm to users. The times range of dial times: 0-15.

Figure 1: enter Delay Time & Dial Times programming menu

Figure 2: input [2] or [8] to choose the "Dial Times" menu

Figure 3: input "enter" button to enter time setting

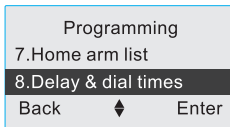


Figure 1

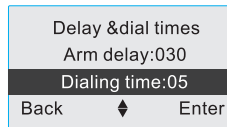


Figure 2

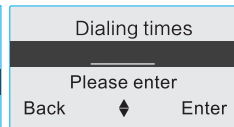


Figure 3

Figure 4: set dial times, then press button to preserve

Figure 5: preserve successfully

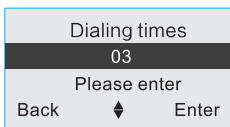


Figure 4

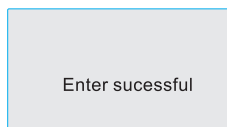


Figure 5

## 6.10. Siren Volume & Output Duration

### 1. Set Siren Volume

There are three levels of Siren volume to set.

Figure 1: enter Siren Volume & Output Duration programming menu

Figure 2: input [4] or [6] to choose the "Siren Volume" menu

Figure 3: input button to choose volume: high, low or mute

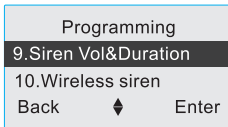


Figure 1

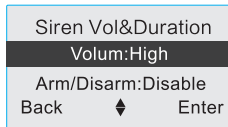


Figure 2

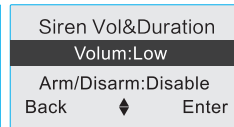


Figure 3

## 2. Set Arming/Disarming Siren Beep

The alarm system can set arming/disarming wired siren beep and wireless siren beep: one "Di" for arming operation, two "Di" for disarming operation.

Figure 1: enter Siren Volume & Output Duration programming menu

Figure 2: input [4] or [6] to choose "Arming/Disarming Beep" menu

Figure 3: input  button to enter arming/disarming beep setting: enabled or disable

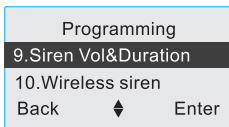


Figure 1

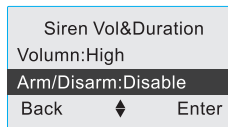


Figure 2

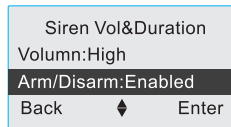



Figure 3

## 3. Set Siren Output Duration

The siren output duration range: 0- 255 minutes.

Figure 1: enter Siren Volume & Output Duration programming menu

Figure 2: input [2] or [8] to choose the "Output Duration" menu

Figure 3: input  button to enter the output time setting

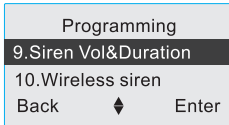


Figure 1

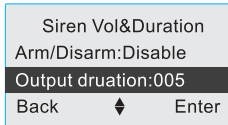


Figure 2

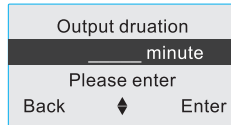


Figure 3


Figure 4: input the output time, then press  button to preserve

Figure 5: preserve successfully

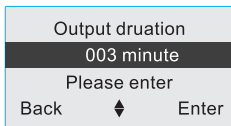


Figure 4

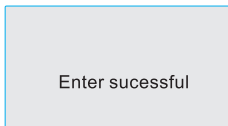


Figure 5


## 6.11. Wireless Siren

### 1. Set Wireless Siren Switch

The alarm system is available for wireless siren, but the siren must adopt the one from our company.

Figure 1: enter Wireless Siren programming menu

Figure 2: input [4] or [6] to choose the Wireless Siren Switch

Figure 3: input  button to set the wireless siren switch: enabled or disabled

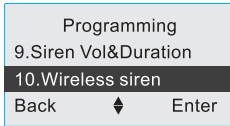


Figure 1



Figure 2

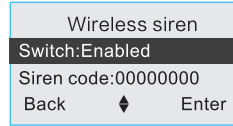


Figure 3

## 2. Set Wireless Siren Code

The value range of wireless siren code: 8 digits, from 0-3

Figure 1: enter Wireless Siren programming menu 1345678909

Figure 2: input [2] or [8] to choose the "Wireless Siren Code" menu

Figure 3: input  button to enter the wireless siren code setting

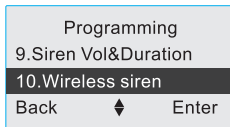


Figure 1

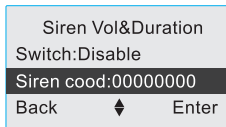


Figure 2

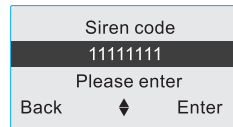


Figure 3


Figure 4: input the wireless siren code, then press  button to preserve

Figure 5: preserve successfully

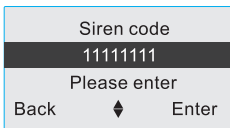


Figure 4

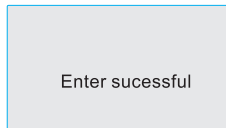


Figure 5

## 6.12. Arming/Disarming Timer

### 1. Set Arming Time

Arming Timer is used to set a timed arming.

Figure 1: enter Arming/Disarming Timer programming menu

Figure 2: input [4] or [6] to choose the "Arming/Disarming Timer No" menu

Figure 3: input [2] or [8] to choose the "Arming Time" menu

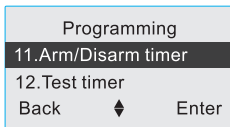


Figure 1

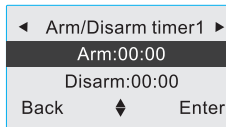


Figure 2

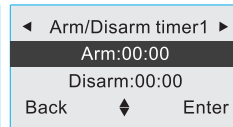


Figure 3


Figure 4: input  button to enter the arming time setting


Figure 5: input the arming time, then press  button to preserve

Figure 6: preserve successfully

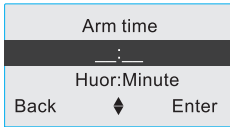


Figure 4

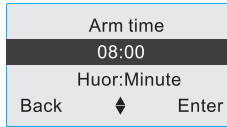
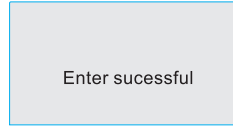


Figure 5



## 2. Set Arming Time

Disarming Timer is used to set a timed disarming.

Figure 1: enter Arming/Disarming Timer programming menu

Figure 2: input [4] or [6] to choose the "Arming/Disarming Timer No." menu

Figure 3: input [2] or [8] to choose the "Disarming Time" menu

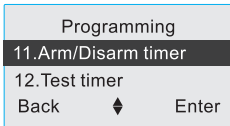


Figure 1

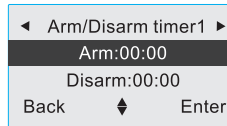


Figure 2

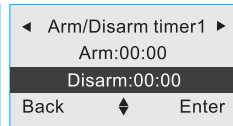


Figure 3


Figure 4: input  button to enter the disarming time setting


Figure 5: input the disarming time, then press  button to preserve

Figure 6: preserve successfully

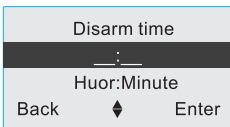


Figure 4

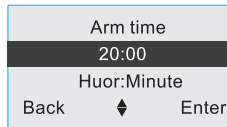


Figure 5

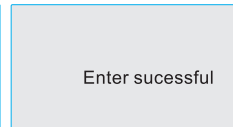


Figure 6

## 3. Set Week List

Week List Setting is to set a timed arming/disarming operation from Monday to Sunday.

Figure 1: enter Arming/Disarming Timer programming menu

Figure 2: input [4] or [6] to choose "Arming/Disarming Timer No."

Figure 3: input [2] or [8] to choose "Week List"

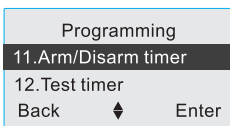


Figure 1

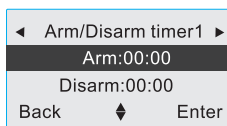


Figure 2

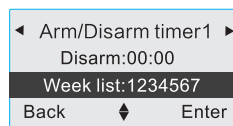


Figure 3

Figure 4: input "enter" button to enter the week setting


Figure 5: input the week, then press  button to preserve

Figure 6: preserve successfully

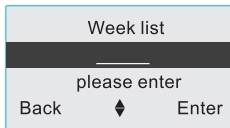


Figure 4

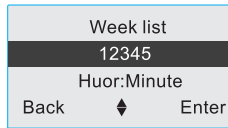


Figure 5

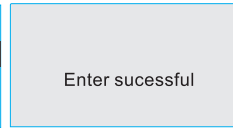


Figure 6

**Note:** when the timed arming time is the same with the timed disarming time, then the arming/disarming timer does not work.


### 6.13. Test Timer

#### 1. Set Test Timer Period

Test timer setting is used to send report of alarm system to sers or CID to judge that the panel is normally working or not. The value range of test timer period: 00-31 days.

Figure 1: enter Test Timer programming menu

Figure 2: input [2] or [8] to choose "Test Period"

Figure 3: input  button to enter the test period setting

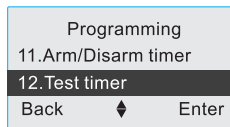


Figure 1

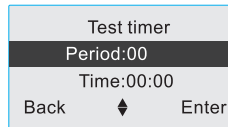


Figure 2

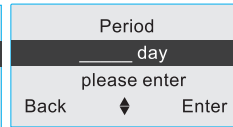


Figure 3


Figure 4: input the days, then press  button to preserve

Figure 5: preserve successfully

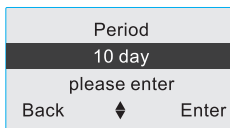


Figure 4

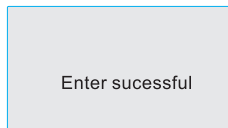


Figure 5

#### 2. Set Test Timer Time

The format of test timer time: (hour: minute, 24- hour)

Figure 1: enter Test Timer programming menu

Figure 2: input [2] or [8] to choose "Test Time"


Figure 3: input  button to enter the test time setting.



Figure 1

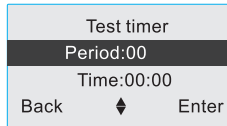


Figure 2



Figure 3

Figure 4: input the time, then press button to preserve

Figure 5: preserve successfully

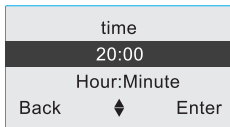


Figure 4

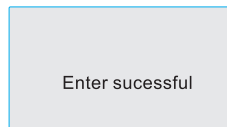


Figure 5

## 6.14. RFID Card Setting

### 1. Set RFID Card Notification Number

RFID Card Notification Number means when RFID card or doorbell detector is triggered, the panel will send report of alarm to users. Each number includes 20 digits mximum.

Figure 1: enter RFID Card programming menu

Figure 2: input [2] or [8] to choose Notification Number

Figure 3: input button to enter the notification number setting

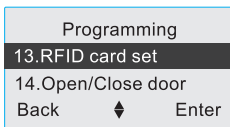


Figure 1

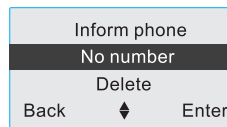


Figure 2

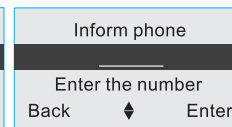


Figure 3

Figure 4: input the number, then press button to preserve

Figure 5: preserve successfully

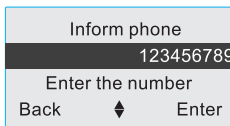


Figure 4

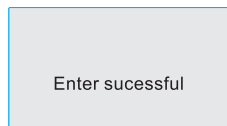


Figure 5

### 2. Delete RFID Card Notification Number

Figure 1: enter RFID Card Setting menu

Figure 2: input [2] or [8] to choose "Delete"

Figure 3: press button, then delete successfully

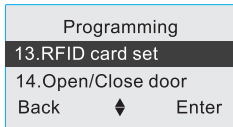


Figure 1

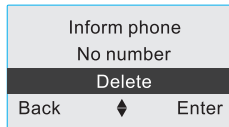


Figure 2

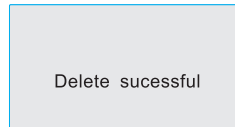


Figure 3

## 6.15. Door Open/Closed Setting

### 1. Set Door Open/Closed Switch

Figure 1: enter Door Open/Closed Setting programming menu

Figure 2: input [4] or [6] to choose "Door Open/Closed Switch" menu

Figure 3: input button to set the door open/close as enabled or disable

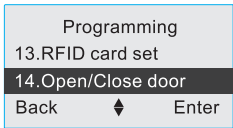


Figure 1

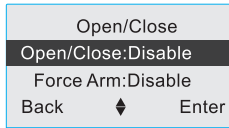


Figure 2

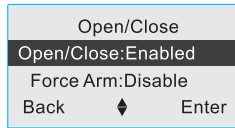


Figure 3

### 2. Set Force Arming

Figure 1: enter Door Open/Closed Setting programming menu

Figure 2: input [4] or [6] to choose "Force Arming" menu

Figure 3: input button to set the force arming as enabled or disable

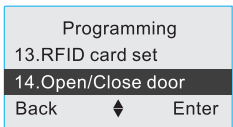


Figure 1

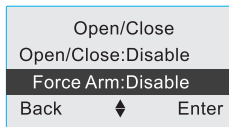


Figure 2

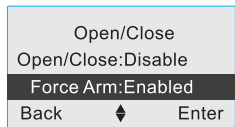


Figure 3

### 3. Set Zone List Of Door Open/Closed

Figure 1: enter Door Open/Closed Setting programming menu

Figure 2: input [2] or [8] to choose "Zone List" menu

Figure 3: input button to enter the zone list setting

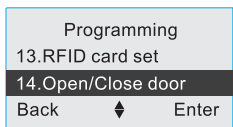


Figure 1

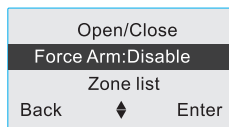


Figure 2

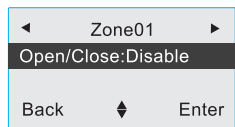


Figure 3

Figure 4: input [4] or [6] to choose the "Zone No." menu

Figure 5: press button to set the force arming as enabled or disable



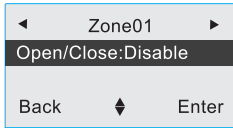


Figure 4

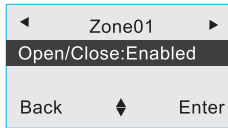


Figure 5

### 6.16. Fast Call Phone

#### 1. Set Fast Call Phone

It is used to make a fast phone call just inputting 1/2/3/4. Each of number includes 20 digits maximum.

Figure 1: enter Fast Call Phone programming menu

Figure 2: input [4] or [6] to choose "Call Phone No." menu

Figure 3: input [2] or [8] to choose the "Number" menu

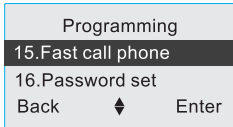


Figure 1

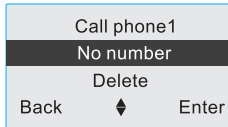


Figure 2

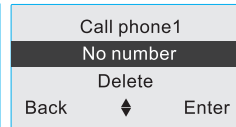


Figure 3


Figure 4: input  button to enter the number setting


Figure 5: input number, then press  button to preserve

Figure 6: preserve successfully

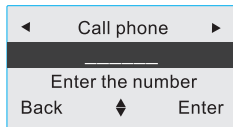


Figure 4

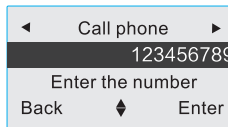


Figure 5

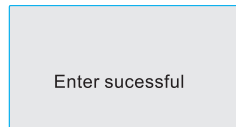


Figure 6

#### 2. Delete Fast Call Phone

Figure 1: enter Fast Call Phone programming menu

Figure 2: input [4] or [6] to choose "Call Phone No." menu

Figure 3: input [2] or [8] to choose the "Delete" menu

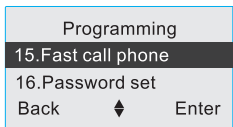


Figure 1

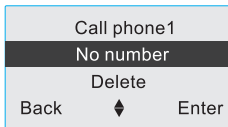


Figure 2

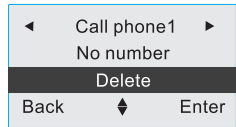



Figure 3

Figure 4: input  button, then delete successfully

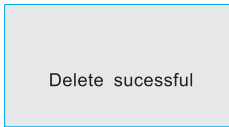


Figure 4


### 6.17. Password Setting

#### 1. Set Program Password

Program Password refers to password of entering programming and its fixed digits are 6.

Figure 1: enter Password Setting programming menu

Figure 2: input [2] or [8] to choose the "Program Password" menu

Figure 3: input  button to enter the password setting

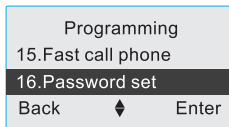


Figure 1

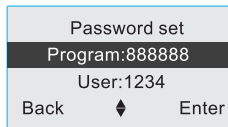


Figure 2

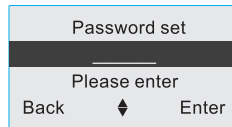


Figure 3


Figure 4: input password, then press  button to preserve

Figure 5: preserve successfully

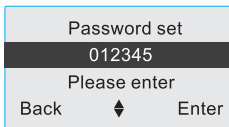


Figure 4

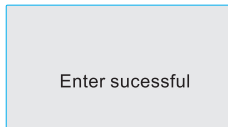



Figure 5

#### 2. Set User Password

User Password is used to entering a arming/disarming/resetting operation and its fixed digits are 4.

Figure 1: enter Password Setting programming menu

Figure 2: input [2] or [8] to choose the "User Password" menu

Figure 3: input  button to enter the password setting

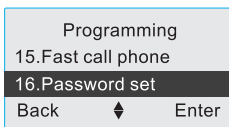


Figure 1

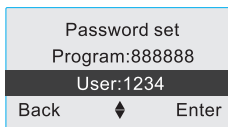


Figure 2

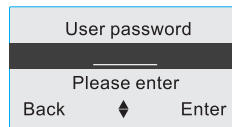


Figure 3


Figure 4: input password, then press  button to preserve

Figure 5: preserve successfully

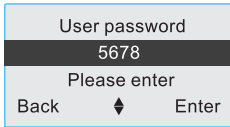


Figure 4

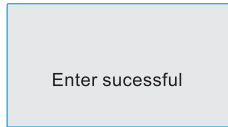



Figure 5

### 3. Set Duress Password

Duress Password is used to disarm the panel when duress happened , at the same time, the panele will send the report of alarm to other users and CID and its fixed digits are 4.

Figure 1: enter Password Setting programming menu

Figure 2: input [2] or [8] to choose the "Duress Password" menu

Figure 3: input  button to enter the password setting

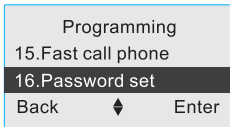


Figure 1

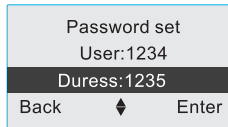


Figure 2

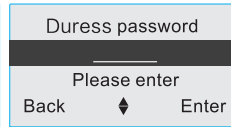


Figure 3


Figure 4: input password, then press  button to preserve

Figure 5: preserve successfully

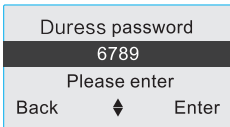


Figure 4

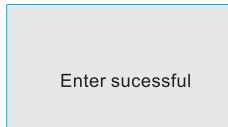


Figure 5

## 6.18. Alarm Clock Timer


### 1. Set Ring Clock

It is used to set ring time when alarm clock is triggered.

The value range of ring clock: 0-255s

Figure 1: enter Alarm Clock Timer programming menu

Figure 2: input [2] or [8] to choose the "Ring Time" menu

Figure 3: input  button to enter the ring time setting

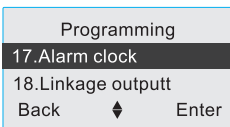


Figure 1

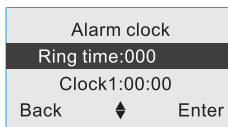


Figure 2

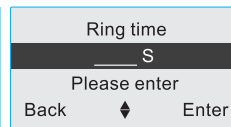


Figure 3


Figure 4: input the time, then press  button to preserve

Figure 5: preserve successfully



Figure 4

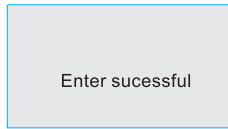



Figure 5

### 2. Set Alarm Clock

It can set 4 alarm clocks to remind of users. The format of alarm clock: (hour : minute, 24-hour)

Figure 1: enter Alarm Clock Timer programming menu

Figure 2: input [2] or [8] to choose the "Clock Time" menu

Figure 3: input  button to enter the clock time setting

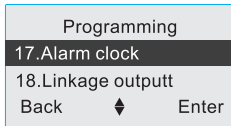


Figure 1

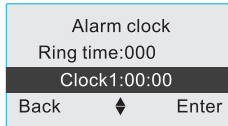


Figure 2

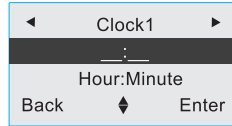


Figure 3


Figure 4: input the time, then press  button to preserve

Figure 5: preserve successfully

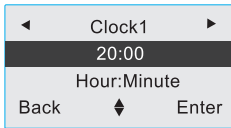


Figure 4

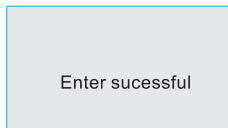


Figure 5

**Note:** When the alarm clock time is set in 00:00, the alarm clock does not work.


## 6.19. Output Linkage

### 1. Set Alarm Output

When the panel alarm and system alarm are set, the linkage also outputs.

Figure 1: enter Linkage Output programming menu

Figure 2: input [4] or [6] to choose the "Alarm Output" menu

Figure 3: input  button to set the alarm output as enabled or disable

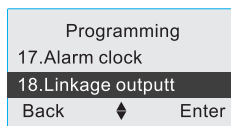


Figure 1

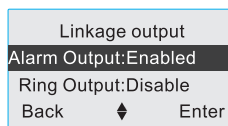


Figure 2

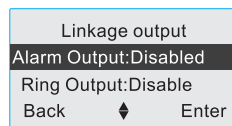


Figure 3

## 2. Set Ring Output

When the ring detectors are triggered in away arming, the linkage also outputs.

Figure 1: enter Linkage Output programming menu

Figure 2: input [4] or [6] to choose the "Ring Output" menu

Figure 3: input  button to set the ring output as enabled or disable

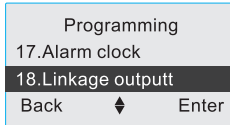


Figure 1

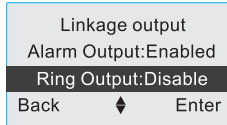


Figure 2

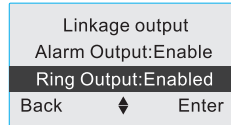


Figure 3

## 3. Set Auto-Open Linkage

It is used to set specific time to auto-open linkage.

Figure 1: enter Linkage Output programming menu

Figure 2: input [2] or [8] to choose the "Auto-open Time" menu

Figure 3: input  button to enter time setting

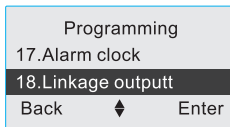


Figure 1

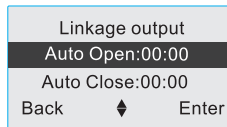


Figure 2

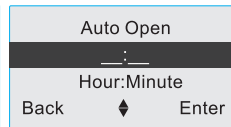


Figure 3

Figure 4: input the time, then press  button to preserve

Figure 5: preserve successfully

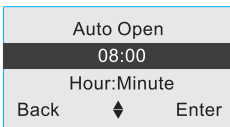


Figure 4

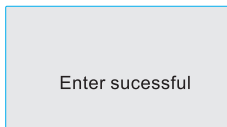


Figure 5

## 4. Set Auto-Close Linkage

It is used to set specific time to auto-close linkage.

Figure 1: enter Linkage Output programming menu

Figure 2: input [2] or [8] to choose the "Auto-close Time" menu

Figure 3: input  button to enter time setting

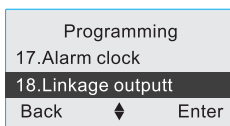


Figure 1

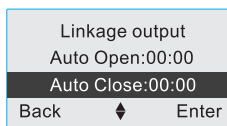


Figure 2

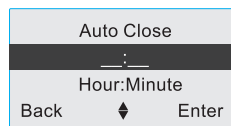


Figure 3


Figure 4: input the time, then press  button to preserve

Figure 5: preserve successfully


Auto Open
18:00
Hour:Minute
Back  Enter

Figure 4

Enter successful
------------------

Figure 5

## 5. Set Week List of Linkage Output

It is to set the timed open/close linkage output from Monday to Sunday. The value range of week list: 1-7 which respectively stands for Monday to Sunday.

Figure 1: enter Linkage Output programming menu

Figure 2: input [2] or [8] to choose the "Week List" menu

Figure 3: input  button to enter week setting


Programming
17.Alarm clock
18.Linkage output
Back  Enter

Figure 1


Linkage output
Auto Open:00:00
Week list:1234567
Back  Enter

Figure 2


Auto Open
_____
Please enter
Back  Enter

Figure 3


Figure 4: input the weeks, then press  button to preserve

Figure 5: preserve successfully


Auto Open
12345
Hour:Minute
Back  Enter

Figure 4

Enter successful
------------------

Figure 5

## 6.20. Time Setting

### 1. Set Dates

It is used to set panel date.

Figure 1: enter Time Setting programming menu

Figure 2: input [4] or [6] to choose the "Date" menu

Figure 3: input  button to enter date setting


Programming
19.Time set
20.system set
Back  Enter

Figure 1


Time set
Date:12/01/15
Time:16:24:41
Back  Enter

Figure 2


Date
_/_/___
Date/Month/Year
Back  Enter

Figure 3


Figure 4: input the date, then press  button to preserve

Figure 5: preserve successfully

Date		
13/01/15		
Date/Month/Year		
Back	◆	Enter

Figure 4

Enter successful		
------------------	--	--

Figure 5

## 2. Set Time

It is used to set panel time.

Figure 1: enter Time Setting programming menu

Figure 2: input [4] or [6] to choose the "Time" menu

Figure 3: input  button to enter time setting

Programming		
19.Time set		
20.system set		
Back	◆	Enter

Figure 1

Time set		
Date:12/01/15		
Time:16:24:41		
Back	◆	Enter

Figure 2

Time		
: : :		
Date/Month/Second		
Back	◆	Enter

Figure 3


Figure 4: input the time, then press  button to preserve

Figure 5: preserve successfully

Time		
20:00:00		
Hour/Minute/Second		
Back	◆	Enter

Figure 4

Enter successful		
------------------	--	--

Figure 5


## 6.21. System Setting

### 1. Set Breath Lamp

It is to set the breath lamp on/off, when the background lights on, the breath lamp will auto light off.

Figure 1: enter System Setting programming menu

Figure 2: input [4] or [6] to choose the "Breath Lamp" menu

Figure 3: input  button to choose the breath lamp as enabled or disable

Programming		
19.Time set		
20.System set		
Back	◆	Enter

Figure 1

System set		
Breath lamp:Enable		
Ring call:Disable		
Back	◆	Enter

Figure 2

System set		
Breath lamp:Disable		
Ring call:Disable		
Back	◆	Enter


Figure 3

## 2. Set Force Ring Call

It is used to set two-communication open or not.

Figure 1: enter System Setting programming menu

Figure 2: input [4] or [6] to choose the "Ring Call" menu

Figure 3: input  button to choose the ring call as enabled or disable

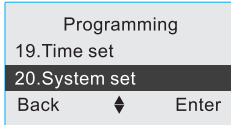


Figure 1

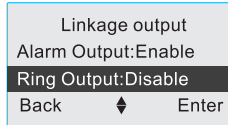


Figure 2

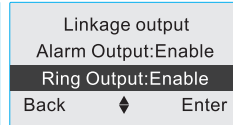



Figure 3

## 3. Set the Temperature Type

It is used to set temperature type.

Figure 1: enter System Setting programming menu

Figure 2: input [4] or [6] to choose the "Temperature Type" menu

Figure 3: input  button to choose the type as Fahrenheit or Celsius

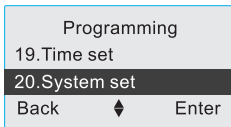


Figure 1

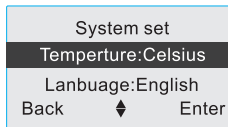


Figure 2

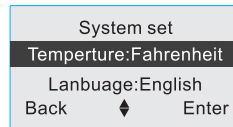



Figure 3

## 4. Set System Language

The alarm system supports Chinese and English.

Figure 1: enter System Setting programming menu

Figure 2: input [4] or [6] to choose the "System Language" menu

Figure 3: input  button to choose the language as Chinese or English

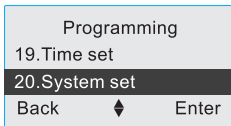


Figure 1

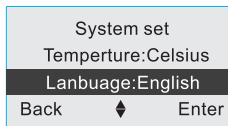


Figure 2

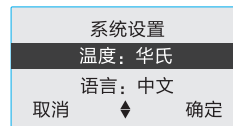


Figure 3

## 5. Restore Factory Default

All the parameters are set to restore factory default.

Figure 1: enter System Setting programming menu

Figure 2: input [4] or [6] to choose the "Restore Factory Default" menu

Figure 3: input  button to recover.



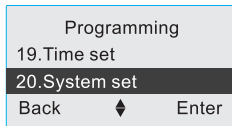


Figure 1

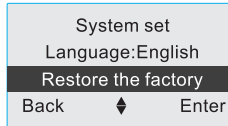


Figure 2

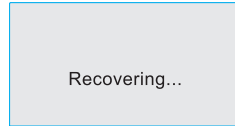


Figure 3

### 6.22. Factory Default

Report of Arming/Disarming: off

Report of System Information: SMS

CID Account: 0000

32 zone types: burglar

Home Arm List: 01- 16

Delay Time of Arming: 0s

Delay Time of Alarming: 15s

Dial Times: 5

Built-in Siren Volume: high

Siren Output Time: 5 min

Program Password: 888888

User Password: 1234

Duress Password: 1235

Breath lamp: On

## 7. SMS Query &Setting

### 7.1. Brief Introduction

SMS Order adopts that users send order to panel in advance, and panel send prompt message or setting module to users after receiving the order, then users should

## H7 GSM Alarm system

reply to panel with needed setting information according to module request. Or users can directly send the edited message to users according to the format request of module.

In the front of the message, it needs to add program password. The factory default of program password is 888888. If users are not aware of order, users can send "program password,?" or "program password,?" to get a hint from panel.

Notice:

1. In order to benefit users, the panel programming content has recovered factory default which meets most of customers usage needs.
2. Please use the English input method punctuation when inputting punctuations.
3. During setting the message, it includes some help contents and parameter ranges.  
Please modify them with the strict message format and ranges and not add any unnecessary character and blank space. Please not add or delete line breaks in message and not exceed the limited input digits.
4. if the message users sent is not fitted for the panel's format or range, the panel will reply "setting failure, wrong input order format or informal characters" to users.

### 7.2. ModifyThe Panel Language

Project	User SMS	Panel SMS Response
Simplified Chinese	Program Password,0086	设置简体中文语言成功!
English	Program Password,0001	Set English successfully!

### 7.3. Format of Help Order

Project	User SMS	Panel SMS Response
SMS Help Index	Program Password,?	01: away arming 02: home arming 03: disarming 04: monitoring 05: open siren 06: close siren 07: time calibration 08: system query
		10: Open linkage 11: Close linkage
	Program Password,??	21: Alarm phone 22: Info report

		23: Zone type 24: Zone name 25: Home arm List 26: Delay time & dial times
		27: Siren Volume & Output Duration 28: Wireless siren 29: Arm/Disarm Timer 30: Test Timer 31: History Query 32: RFID Card Setting 33: Open/Close Door Setting
		34: Fast call phone 35: Password setting 36: Alarm clock timer 37: Linkage output 38: System setting

### 7.4.Format of Remote Operation

Project	User SMS	Panel SMS Response
<b>Away arming</b>	Program Password,01	Away arm successfully
<b>Home arming</b>	Program Password,02	Home arm successfully
<b>Disarming</b>	Program Password,03	Disarm successfully
<b>Monitoring</b>	Program Password,04	
<b>Open siren</b>	Program Password,05	Open siren successfully
<b>Close siren</b>	Program Password,06	Close siren successfully
<b>Time calibration</b>	Program Password,07	Set Time calibration successfully X X - X X - X X X X X X : X X : X X X X X
<b>System query</b>	Program Password,08	X X - X X X X : X X : X X Status : home arming/away arming/disarming AC power: Normal/ Fault Panel battery: Normal / Low GSM signal: 0-5
<b>Open linkage</b>	Program Password,10	Open linkage successfully

## H7 GSM Alarm system

<b>Close linkage</b>	Program Password, <b>11</b>	Close siren successfully
<b>Delete all wireless accessories and RFID card</b>	Program Password, <b>98</b>	All wireless accessories and RFID card are deleted successfully!
<b>Restore to factory settings</b>	Program Password <b>99</b>	The system has been restored to factory settings!

### 7.5.Format of Remote Programming

Project	User SMS	Panel SMS Response	Note
<b>Alarm phone</b>	< program password>, <b>211</b> ,<1 <sup>st</sup> alarm phone>,<2 <sup>nd</sup> alarm phone>,<3 <sup>rd</sup> alarm phone>,<4 <sup>th</sup> alarm phone > < program password>, <b>212</b> ,<5 <sup>th</sup> alarm phone>,<6 <sup>th</sup> alarm phone>,<7 <sup>th</sup> alarm phone >,<8 <sup>th</sup> alarm phone >	Set alarm phone successfully	Each number includes 20 digits maximum
<b>Alarm phone type</b>	< program password >, <b>213</b> ,<1 <sup>st</sup> alarm phone type>,<2 <sup>nd</sup> alarm phone type>,<3 <sup>rd</sup> alarm phone type>,<4 <sup>th</sup> alarm phone type>,<5 <sup>th</sup> alarm phone type>,<6 <sup>th</sup> alarm phone type>,<7 <sup>th</sup> alarm phone type>,<8 <sup>th</sup> alarm phone type>	Set alarm phone type successfully"	Alarm phone type: 0 SMS , 1 dial,2 SMS & dial , 3 CID
<b>Info report</b>	<program password>, <b>22</b> ,<report of arming/disarming>,<report of system info>,<user account>	Set info report successfully	report of arming/disarming & report of system info:0close,1 SMS, 2 CID , 3 SMS & CID user account : 4 digits , range of value: 0000-9999
<b>Zone type</b>	<program password>, <b>231</b> ,<zone 1	Set zone type successfully	Zone type : 0 Delay, 1 Burglar ,

	<p>type&gt;,&lt;zone 2 type&gt;,&lt;zone 3 type&gt;,&lt;zone 4 type&gt;,&lt;zone 5 type&gt;,&lt;zone 6 type&gt;,&lt;zone 7 type&gt;,&lt;zone 8 type&gt;</p> <p>&lt;program password&gt;,<b>232</b>,&lt;zone 9 type&gt;,&lt;zone 10 type&gt;,&lt;zone 11 type&gt;,&lt;zone 12 type&gt;,&lt;zone 13type&gt;,&lt;zone 14 type&gt;,&lt;zone 15 type&gt;,&lt;zone 16 type&gt;</p>		<p>2 Perimeter , 3 Fire , 4 Gas , 5 Duress , 6 SOS, 7 Medical, 8 Doorbell notification, 9 Doorbell alarm, 10 Stop</p>
<b>Zone name</b>	<p>&lt;program password&gt;,<b>241</b>,&lt;zone 1 name &gt;,&lt; zone 2 name &gt;</p> <p>&lt;program password&gt;,<b>242</b>,&lt;zone 3 name &gt;,&lt; zone 4 name &gt;</p> <p>&lt;program password&gt;,<b>243</b>,&lt;zone 5 name &gt;,&lt; zone 6 name &gt;</p> <p>&lt;program password&gt;,<b>244</b>,&lt;zone 7 name &gt;,&lt; zone 8 name &gt;</p> <p>&lt;program password&gt;,<b>245</b>,&lt;zone 9 name &gt;,&lt; zone 10 name &gt;</p> <p>&lt;program password&gt;,<b>246</b>,&lt;zone 11 name &gt;,&lt; zone 12 name &gt;</p> <p>&lt;program password&gt;,<b>247</b>,&lt;zone 13 name &gt;,&lt; zone 14 name &gt;</p> <p>&lt;program password&gt;,<b>248</b>,&lt;zone 15name &gt;,&lt; zone 16 name &gt;</p>	Set zone name successfully	Zone name includes 15 characters maximum
<b>Home arm List</b>	<program password>, <b>25</b> ,<home arm list>	Set home arm list successfully	home arm list: set 16 zones maximum from

			zone 01-32
<b>Delay time &amp; dial times</b>	<program password >,26,<arming delay time>,<alarm delay time>,<dial time>	Set delay time & dial times successfully	Arming delay : 0-255 s Alarm delay : 0-255 s Dial times: 0-15
<b>Siren volumn &amp; siren duration setting</b>	< program password >,27,< siren volumn >,<arming/disarming siren beep>,<output time>	Set siren volume & siren duration successfully	siren volume : 0 mute, 1 low, 2 high arming/disarming siren beep: 0 Disable, 1 Enable siren duration : 0-255 min
<b>Wireless siren setting</b>	<program password >, 28 ,<wireless siren switch>,<wireless siren address>	Set wireless siren successfully	wireless siren switch: 0Disable, 1 Enable wireless siren address : 8 digits, value range from 0-3
<b>Arming/ Disarming timer setting</b>	<program password>, 291 ,<arming timer>,<disarming timer>,<week list> < program password >,292, <arming timer>,<disarming timer>,<week list>	Set arming/disarm timer successfully	arming timer : ( hour: minute , 24-hour) disarming timer : ( hour: minute , 24-hour) week list : value range from 1 - 7
<b>Test timer setting</b>	< program password >,30,<test timer setting period>,< test timer setting time>	Set test timer successfully	test timer setting period: 00-31 days test timer setting time : ( hour : minute, 24-hour)
<b>History query</b>	<program password >,31,< query date of history>	Today's alarm event	History query: month-day
<b>RFID card notification SMS setting</b>	<program password >,321,< RFID card notification number>	Set RFID card notification number successfully	

	<p>&lt;program password&gt;,322,&lt;RFID card1 notification&gt;,&lt;RFID card2 notification&gt;</p> <p>&lt;program password &gt;,323,&lt;RFID card3 notification &gt;,&lt;RFID card4 notification &gt;</p>	Set RFID card notification successfully	
<b>Open door &amp; close door setting</b>	<program password>,33,<door open/close switch>,<force arming switch><door open/close list>	Set door open/close successfully	door open/close switch: 0 Disable, 1 on Enable force arming switch: 0 off, 1 on door open/close list: set 16 zones maximum from zone 01-32
<b>Fast call phone setting</b>	<program password>,34,<fast call phone 1>,<fast call phone 2>,<fast call phone 3>,<fast call phone 4>	Set fast call phone successfully	
<b>Password setting</b>	<program password>,35,<program password>,<user password>,<duress password>	Set password setting successfully	program password : 6 digits, value range from 000000-999999 user password : 4 digits, value range 0000-9999 duress password: 4 位, value range 0000-9999
<b>Alarm clock timer setting</b>	<program password >,36, <ring time>,<clock 1>,< clock 2>,< clock 3>,< clock 4>	Set alarm clock time successfully	ring time: 0-255 s: alarm clock : (hour: minute, 24-hour)
<b>Linkage output setting</b>	<program password>,37,<alarm output>,<ring output>,<open timer>,<close timer>,<week	Set linkage output successfully	Time of opening: (hour: minute, 24-hour) Time of closing :

	list>		( (hour: minute, 24-hour) Week list : value range from 1-7
<b>System setting</b>	<program password>, 38 , <breath lamp switch>,<ring switch>,<temperature type >	Set system setting successfully	breath lamp switch: 0 Disable,1 Enable ringswitch,0 Disable, 1 Enable temperature type: 0vcelsius, 1 Fahrenheit

## 8. Receiving Alarm & Remote Control

When alarm happens, the panel will automatically call the preset number. When users answer the alarm call, panel will send voice report of alarm to users, after that, there are five seconds for users to input order by phone keypad. If users have no any operation after answering, the panel will replay the voice report of alarm for three times and then hang up automatically.

Order Operation	Order Meaning		Order Operation	Order Meaning
1#	Away arming		5#	Open siren
2#	Disarming		6#	Close siren
3#	Open linkage		7#	Open/Close Monitoring
4#	Close linkage		0#	Hang up

**Note:** when user opens monitoring, panel will force close the siren. If there are no any operations within 60s, panel will hang up automatically.

## 9. APP Operation

### 9.1. Installation

Users can search the key word “H7”, “GSM”, “Alarm System” or “Alarm” on “APP Store” or “Google Play” to download and install.

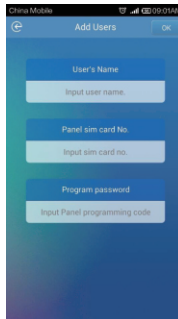
### 9.2. Register Account

1. Enter the APP soft ware.
2. Click the “Add Users” button to edit account information

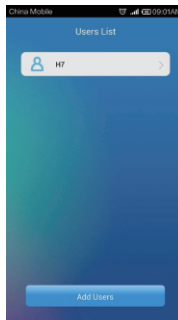




3. Input "User's Name", "Panel SIM card No.", "Program Password", then click "OK" button.



4. On the account list page, click "User's Name" to make operation and programming. Long press "User's Name" to modify account information.



# 10. Technical Parameters

## 10.1. Alarm Panel

Size: 195mm×136mm× 31mm (L\*W\*H)

Power: AC100V- 240V

Battery: 7.4V/2000mAh

Output current of wired horn: <150mA

Built-in siren: >90dB(within 1m)

GSM Working Frequency: 850MHz, 900MHz, 1800MHz, 1900MHz

GSM Emission Frequency: ≤2W(850/900MHz), ≤1W(1800/1900MHz)

Wireless working frequency: 433MHz

Wireless emission distance:

Distance between wireless PIR detector and alarm panel:≥400m( in the open area)

Distance Between door magnet and alarm panel: ≥200m( in the open area)

Distance Between wireless remote controller and alarm panel:≥100m( in the open area)

Distance between wireless siren and alarm panel:≥300m( in the open area)

Working temperature: -10℃ - +50℃

Relative humidity: 40 ~ 70%

## 10.2. Remote Controller

Battery Power: CR2016 2pcs(button cell)

Standby Current: ≤1uA

Emission Power: ≤10mW

Emission Frequency: 433MHz

# 11. Maintenance

## 11.1. RegulaTest

It is suggested to test the system one time per month to make sure the normal working of the system. If there are anything wrong , please at once contact with working people.

## 11.2. Cleaning Panel

Please take cotton cloth or sponges with water to clean the alarm unit.

**Note:** Do not use anything with organic solvents to clean the panel, such as coil oil, superglue, etc, lest should destroy the panel.

## 12. Solutions For Simple Faults

Troubles	Cause analysis	Solution
<b>Panel cannot give a voice alarm</b>	1.no arming 2.no alarm phone setting 3.too far away from the wireless detectors 4.no enrollment of wireless accessory	1.arm 2.reset alarm phone 3.adjust detectors' installation site 4.enroll again
<b>Remote controller doesn't work</b>	1. no enrollment of remote controller 2.low battery power	1.enroll again 2.change the battery
<b>One long "Di"/15s and it shows low power in some zone</b>	1.low battery power of wireless detector	1.change the battery
<b>Wireless detectors are often triggered wrongly</b>	1.the installation site doesn't conform with right condition	1.change the installation site which conforms with right condition
<b>It doesn't call or send SMS to users when SMS alarm happens</b>	1.SIM card isn't inserted 2.weak GSM signal 3.copper sheet of SIM card is scratched 4. no alarm number setting 5.the amount of SIM card is not enough	1.insert SIM card 2.change place with strong GSM signal 3.change a new SIM card 4.reset alarm number 5.recharge the SIM card
<b>No any recording when alarm happens</b>	1.no recording of alarm voice	1.record the alarm voice again
<b>Wired siren doesn't work</b>	1.bad contact 2.wrong connect with polarity	1.contect again 2.connect BELL to positive side , GND to negative side
<b>Breath lamp doesn't work</b>	1.breath lamp is off 2.user is operating the keypad	1.open breath lamp 2.wait for background light off
<b>Panel doesn't ring when user calls to panel' SIM card</b>	1.the ring setting is off	1.open ring setting

# GSM BURGLAR ALARM SYSTEM

## PRODUCT QUALITY GUARANTEE CARD

Model \_\_\_\_\_ Product number \_\_\_\_\_ invoice number \_\_\_\_\_ Purchase date \_\_\_\_\_

Date	Maintenance record

Notification: this product guarantee exchange within one month, and maintenance within its lifetime after purchased (But not include man-made damage, exchange of damaged parts may charge fees)

