TCP/IP&GSM
Home Alarm Control Panel
Instruction Manual

ST-VGT

Brief

Thank you for purchasing the "smart home" products of our company, we hope our products can bring convenience and and protection for your safety!

The "smart home" system uses the most advanced digital sensing and control technology, it is a set of smart alarm control system of anti-theft,anti-fire, and anti-gas leak compatible with wired and wireless alarm. This product is easy to operate and easy to learn with voice indication all around the operation , complicated orders are not needed.

The "smart home "system recommends the most advanced multi-random vault technology in safety and reliability, which effectively solve the problem of interference, false positives, false negatives that cannot be solved by similar system at present .The way the "smart home " system uses in the alarm signal on the common high-speed way CONTACT ID makes application of this series of products wider and compatibility stronger. The system can be widely used in family ,community,villas,shops,units and so on.

We recommend that you carefully read the instruction to facilitate you for a skilled operation and use to the product, so the product can better serve you.

We will not notice if there is a change of product performance, if you want to know the latest features,please contact with the relevant business.

Chapter I   Product Introduction

1. Alarm mode: with *Internet Network* and *GSM network* alarm, GSM network with GPRS function, remote arm and disarm panel through CMS or SMS. CID protocol, SMS notification, the priority of Internet Network and GSM Network is Optional.

2. With a new large-screen, full-touch buttons, LCD graphic display steps, work status, Alarm process easy and intuitive.

3. The full English voice prompting operation: all local or remote operation, alarm information, event log view.

4. GSM-hook and voice telephone with intercom function.

5. All alarm information can be programmed by 16 ways. Please refer to manual 6.9

6.Sleep mode design,in sleep mode status, all the lights, LCD Back light, voice and prompt tone are disabled.

7.Alarm panel under idle status is equivalent to a cellphone, you can call through the GSM network for balance cost inquiries.

8.With associated zones, 8 groups associated zone, 2 kinds of association patterns, can effectively reduce false alarm or for other functions.

9.PGM output: With a programmed output port, followed by 5 kinds of alarm events output.

10.The doorbell Audio Optional: 1. Ding Dong 2 Welcome.

11.Remote phone operation:dialing by telephone offsite, after password verification, you can arm, disarm, listen-in premise, system status query and electrical switches controls and other operations.

12.Voice Alarm: When panel alarm, it will automatically dial the preset user phone numbers to report alarm information then you can remote control the panel after enter user passwords.

13. 32 wireless zones, each wireless zone can automatically learn the codes or be coded manually via the keyboard and web operation.

14. 8 wired zones, User can set the circuit type and speed of response, support N.O, N.C.

15. Enable enroll total 8 wireless remote, 16 electronic switch, 1 wireless doorbell and unlimited for quantity of one way wireless siren, 1 wireless two way siren, 16 RFID tags.

16. 6 follow me phone#(voice alarm receiving phone#), 2 for CMS, 4 for private alarm receiving.

17. Status inspection functions: enable record and inquiry 512 alarm event messages. Like the time when happens anti-tamper alarm, detector alarm, tel-line off, arm, disarm, system setting, battery low voltage ect. And also can inquiry the zone number and alarm type.

18. Timing arm and disarm: 4 sets of timing arm and disarm time.

19. Electrical switches control: User can remote switch on/off via phone or SMS, also can be controlled manually through the local alarm panel.

20. Zone programmable: factory preset for each zone type. Users can modify all the zone type according to the actual needs .

21. Clock: Built-in full automatic calendar clock, set to local time consistent.

22. Password access management: the panel has one administrator password 16 user password, The administrator password primarily for system administrators to set up the alarm system; The user passwords for users in the day-to-day use such arm/ disarm, remote operation. The administrator password, user password can be freely modified.

23. For CMS networking alarm, depending on the number of users, the user can set four user codes(account number).

24. Zone type identification:After an alarm is triggered, the alarm zone number displayed on the LCD screen of the panel, also can send the detailed report to CMS which includes alarm locations and zone types.

25.Al-proof function :if try to cut off the wire between wired detector and panel or cut off the tel line which.

26.The tampering alarm: cut the cable between wired detectors and the panel will trigger alarm,

27. Anti-tamper function: When someone deliberately dismantled the panel, it will

alarm when triggering tamper switch at the back of the panel.

28. CMS communications test: The panel will send a message to CMS at the pre-set time interval to inspect the communication if normal.

29. Siren options:

Built-in siren, external wired siren, Wireless siren. All sirens can be programmed as enabled/disable when alarms.

30. The voice speaker volume adjustment: total 8 level,adjust the volume by a panel arrow keys.

31. Wireless repeater function: can extend the distance between the detector and the panel by adding a wireless repeater of our company.

32. The wireless detector low battery prompted:

Detectors will send status report to the panel every 1-3 hours, the corresponding zone number and the battery voltage symbol will be displayed on the LCD screen and also will report to CMS.

Chapter II Installation and Connection

2.1 Box Included

Alarm Control Panel*1pc	Wireless PIR Detector*1pc	Wireless Door Sensor*1pc
Remote Controller*2pcs	Battery CR123A*2pcs	Power Plug 15/2A
RFID Tag*2pcs	Components Bag	Instruction Manual

2.2 Installation For the Alarm Control Panel

1.Fix the bracket to the wall and hang the panel to the bracket

2.The large metal objects can not be placed around the panel, so as not to affect the wireless signal.

3.Make sure to place the panel within the wireless range of all wireless accessories and pay attention to the hidden.

2.3 Connection(The wired zones support N.O. N.C detectors)

As pictures
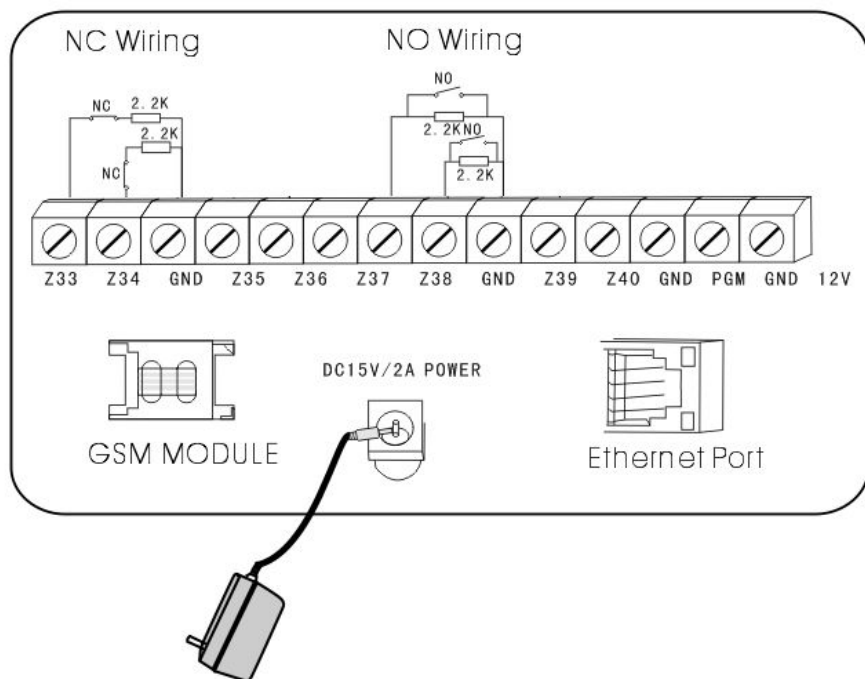
Here only introduce the zone 33, 34, 37, 38. The other zones please refer to the above.

2.4 Install wired detector

2.4.1 The wired zones is **disabled** as factory default. when to use wired zones please enable the zones firstly. When wired zones is in trouble, the panel will voice prompt "operation failed, Zone trouble" if users try to arm the panel. The zone number will be also display on the LCD screen. At this time arm system is not allowed unless you force arm.

2.4.2 The control pane can power 15V, 100mA to detectors. The max current is 100mA. Do not exceed 100mA, otherwise please use extra power supply.

2.5 Install wireless detector

2.5.1 As the detector 's manual says, install coded detector in the area 150m from the control panel. Please make the walk testing and make sure detector can work with control panel normally.

2.5.2 Wireless repeater function: (product item No.PB-205R) when wireless detector is too far from the panel or some wall blocked up between panel and detector which disable the panel receive the signal from wireless detector. Now you can choose the repeater to make wireless repeater to achieve wireless signal relay transmitting.

Chapter III Key description and Basic operation

3.1 Key Description
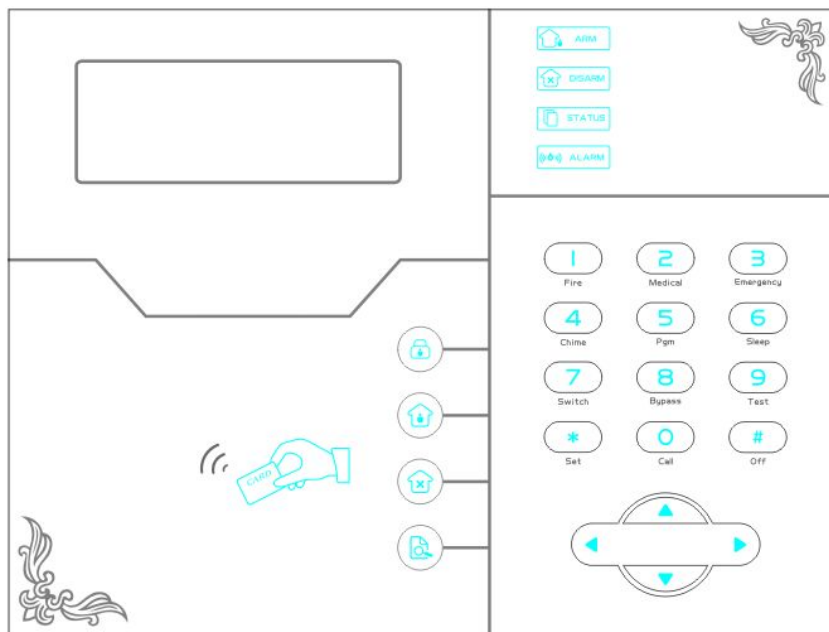
☖ ARM	Light on under armed status, light flashes under stay status
🗴 DISARM	Light on under disarmed status
🗐 STATUS	Light flashes under AC loss, Zone faulty. Long light under normal working(without any zone faulty)
((ó)) ALARM	Light flashes when alarm
🔒	Arm
⌂	Home Arm
🗴	Disarm
🔍	Inquiry
▲ ◀ ▶ ▼	Arrow keys(page down, page up, previous,confirm) Up and down button can adjust the voice volume
((, CARD	RFID card
1 Fire	Press 3 seconds to trigger fire alarm
2 Medical	Press 3 seconds for medical help
3 Emergency	Press 3 seconds for SOS
4 Chime	Press 3 seconds and enter user code to enable or disable delay zone door bell
5 Pgm	Press 3 seconds then enter user code to enable or disable PGM output

6 Sleep	Press 3 seconds to enter or exit sleep mode
7 Switch	Press 3 seconds then enter user code to enable or disable electrical power switch
8 Bypass	Press 3 seconds then enter user code to bypass zones or activate zones
9 Test	Press 3 seconds then enter user code to proceed normal testing, siren testing and walk testing
0 Call	Press 0 for 3 seconds to make phone call through GSM, the talk time up to approximately 240 seconds
* Set	Previous button
# Off	Confirm button

Sleep mode: all led indicators, back light, voice, remind tone will be disabled under sleep mode, The panel will exit sleep mode automatically when users enter system setting or when alarm occurs.

Bypass zone: bypassed zones means zones disabled. Bypass zones will be canceled when users disarm systems under home armed or armed status.

Communication test: To test the communication between the panel and the CMS if normal

Siren test: to test if siren working normal
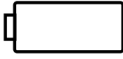
Walk test: to test if the detectors are working normally with the panel and alarm

3.2 Basic operation

Admin password (factory default)	012345
User 01 password (factory default)	1234

User 02-16	Blank (can not enter the user setting)
Disarm	User password [1234]+Disarm
Home Arm	Press home arm key
Arm	Press arm key
Event log	Inquiry Key
Shutdown operation	Press * and hold for more than 3 seconds+user password [1234] (AC power-off status)
Enter system operation	Press * and hold for more than 3 seconds + admin password [012345]
Enter user setting	Press * and hold for more than 3 seconds + user No. 01 password [1234]
Zone inspection	Within 1 minutes of panel system power up, do not inspect wired zones.
Password reset	Enter 000000 to enter system setting menu within 1 minute of panel power up

3.3 LCD Icon

Icon	Meaning	Icon	Meaning
	GSM signal		GSM enabled
	Internet web		Home Arm
	Detector low battery		Disarm
	System low battery		Arm
	Alarm		Enable GPRS
	Voice prompt		

 flashes when internet loss, light on when internet is normal

 Flashes when GSM not ready, light on when GSM is normal

 flashes when GPRS or internet disconnected with CMS, light on when

GPRS is connected with CMS.

 flashes under sleep mode, light on under normal working mode.

A-05 Zone 5 Alarm

F-05 L Zone 5 detector lost

F-05 E Zone 5 trouble

F-05 ▢ Zone 5 low battery

P-05 Zone 5 bypass

Note:

The alarm zone number will still be displayed on LCD screen after first disarm when alarm occurs, returned to normal screen display only users disarm twice.

3.4 System Arm And Disarm Operation
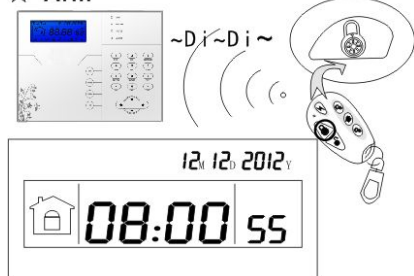
☆ Arm	☆ Disarm
Press the arm key on remote or the keypad, then you hear system armed, please exit the protection area there will be Di-Di sound to confirm the system is armed successfully.	Press the disarm key on the remote or enter your user password on the keypad,then you will hear Di-Di and voice 'system disarmed', then you have disarm successfully.
☆ Home Arm	☆ Panic(SOS)
Press the key for home arm on the remote or HOME key on the keypad,then you will hear 'system stay' and it display home arm icon on the LCD screen.	Press the panic button on remote, or press 3 key on panel for 3 seconds,it will trigger to alarm.
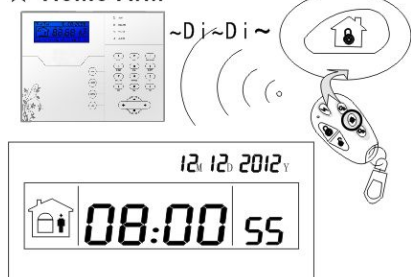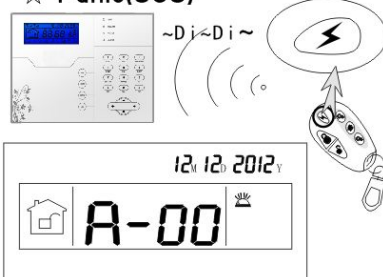
Note:

Above operation is arm/disarm by the remote controller.

If user receive the SMS from the mobile.it will indicate the code first as below. Different way to arm/disarm, the CMS alarm center and SMS will display the below code and let you know which ways to arm/disarm the system.

40-47	The alarm system can work with 8 remote controller. If you use the remote controller to arm/disarm the system, you will get the code from 40 to 47.
01-16	If user arm/disarm the panel by the password from the keyboard. Code from 01-16. The alarm system can set 16 user password.
50-54	If user arm/disarm the panel by the voice phone. Code from 50-54.
60	If user arm/disarm the panel through the CMS software platform, code only have 60.
80-81	Timing arm/disarm or Key zone, code from 80 to 81.
20-39	Using the RFID tag to arm/disarm, code from 20 to 39.
70	Using web IP address to program, code only have 70.
90	Unknown control to arm/disarm show 90.

Example:

If user arm/disarm the panel system by the remote controller failure. The SMS indicate the 8pcs remote controller of corresponding code from 40 to 47.

> Mobile SMS:
> Security system to remind you:
> User 40 system arm failure

If user receive above message, It means the first remote controller to remote arm the system failure.

3.5 Alarm Procedure

Tel1 Tel2 Tel3 Tel4

Mobile APP

3. alarm panel system be triggered to alarm, it will dial to the user's phone call one by one as preset dialing times. if set alarm times in multiple. It will repeat the step 2 and 3 to alarm.

Alarm Receiving Centre

Wired

SMS

E-mail

Alarm event received, sending. . . .

1. Detector be triggered, send alarm signal to panel system

CMS

Wireless

2. The alarm panel system adopts Ademco CONTACT ID to send alarm info to CMS.
If the panel got confirmation from CMS. Alarm success. Otherwise, the alarm panel system repeat alarm, the alarm info will be display and resolve by the alarm centre software.

Meian Alarm Software

Chapter IV Voice Alarm Receiving And GSM Control

4.1 Remote Phone Control

User make phone call to the GSM No. Of the alarm control panel. Directly connect to the alarm control panel, according to the voice prompt to input the password as below photo.

		3.Please enter password 1234(default factory) Press 1 to arm system Press 2 to disarm system Press 3 to Stay arm Press 4 to check system status Press 5 to appliance switch control Press 6 to control PGM Press0 to disconnect
1.Dial the GSM No. Of the alarm control panel.	*2*.The alarm control panel auto off-hook	

4.2 Alarm receiving phone operation

When alarm, the panel will dial the pre-set voice phone number, when the user pick up the call, they will hear the voice prompting as below, if not press 1 to cancel the alarm or press 4 to disarm the system, after off-hook, the panel will call other preset voice phone numbers .

		$\overset{\cdot}{\underset{\cdot}{\mathcal{S}}}$))
		3.Play the recorded voice message first. Press 1 to cancel alarm Press 2 to check alarm event Press 3 to arm system Press 4 to disarm system Press 5 to stay arm Press 6 to enable siren Press 7 to listen in Press 8 to control PGM Press 0 to disconnect
1. The alarm control panel dial preset voice phone as soon as alarm occurs.	**2.** The user pick up the phone.	

4.3 GSM remote operation (on-site Intercom added)

When alarm occurs, GSM will call the preset voice number, when pick up the call,

Enter 4 digit user password, then voice prompt:

Press 1 to arm system,

Press 2 to disarm system,

Press 3 to Stay arm,

Press 4 to check system status,

Press 5 to appliance switch control,

Press 9 to talk-back (Intercom function)

Press 0 to Disconnect.

4.4 GSM Alarm Receiving (on-site intercom added)

When alarm occurs, it will send SMS first, then call the preset voice number, when pick up the call, it will play the recorded voice message first, then voice prompt:

Press 1 to cancel alarm,

Press 2 to check alarm event,

Press 3 to arm system,

Press 4 to disarm system,

Press 5 to Stay arm,

Press 6 to enable siren,

Press 7 to listen-in,

Press 8 to control programmable output port,

Press 9 to talk-back,

Press 0 to Disconnect.

4.5 GSM control via SMS

Arm Command	#PWD1234#arm
Disarm Command	#PWD1234#disarm
Home Arm Command	#PWD1234#home
Status Checking command	#PWD1234#check
Enable programmable output port	#PWD1234#PGM open
Disable programmable output port	#PWD1234#PGM close
Enable appliance switch command	#PWD1234#switch open 01
Disable appliance switch command	#PWD1234#switch off 01

Note: the factory default user code is 1234, when arm successfully, SMS auto reply" arm successfully", if the password is correct, the command is not correct, SMS will reply" operation failure", if the password is not correct, no SMS reply.

Chapter V User Settings

Press[*] for 3 seconds

$$* \; + \; \boxed{1}\,\boxed{2}\,\boxed{3}\,\boxed{4} \; + \; \boxed{\#} \; \rightarrow$$

- $\boxed{1}$ Set system clock
- $\boxed{2}$ Set user password
- $\boxed{3}$ Set voice phone
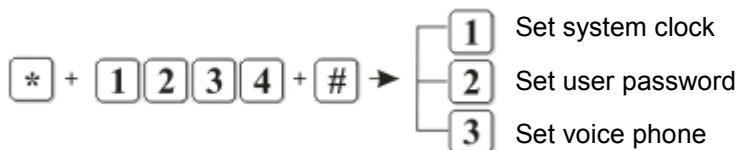
5.1 Set System Clock

For example: set system clock as : 22:59:36 22/12/2012

Press [*] for 3 seconds

$\boxed{*} \rightarrow$ Enter password $+ \boxed{1}\boxed{2}\boxed{3}\boxed{4} + \boxed{\#} + \boxed{1} \boxed{\#} \rightarrow$ Please enter system clock,press confirm key to save,press back key to exit

$+ \boxed{1}\boxed{2} + \boxed{1}\boxed{2} + \boxed{2}\boxed{2} + \boxed{2}\boxed{2} + \boxed{5}\boxed{9} + \boxed{3}\boxed{6} + \boxed{\#}$

  Y   M   D   H MI   S

Note: According to the flash of Y.M.D.H.Min.Sec. On screen, enter 12.12.22.22.59.36 by return,also can press[up][down] key to move cursor.

5.2 Set User Password

For example: set No.16 user password as 5678

Press [*] for 3 seconds

$\boxed{*} \rightarrow$ Enter password $+ \boxed{1}\boxed{2}\boxed{3}\boxed{4} + \boxed{\#} + \boxed{2} \boxed{\#} \rightarrow$ Please enter the serial number of your modified password

$+ \boxed{1}\boxed{6} + \boxed{\#} \rightarrow$ Please enter new password,press confirm key to save,press back key to exit. $+ \boxed{5}\boxed{6}\boxed{7}\boxed{8} + \boxed{\#}$

Note: Can set 16 user passwords, corresponding password No. from 01 to 16, Only No.1 password can enter user setting.

5.3 Set Voice Phone (refer to 6.4)

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Chapter VI   System Settings

Press [*] for 3 seconds

| * | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | ➡ |

1	Set password
2	Set network
3	Set CMS number
4	Set voice phone
5	Set system options
6	Set wireless devices
7	Set zone
8	System maintenance
9	Set other options
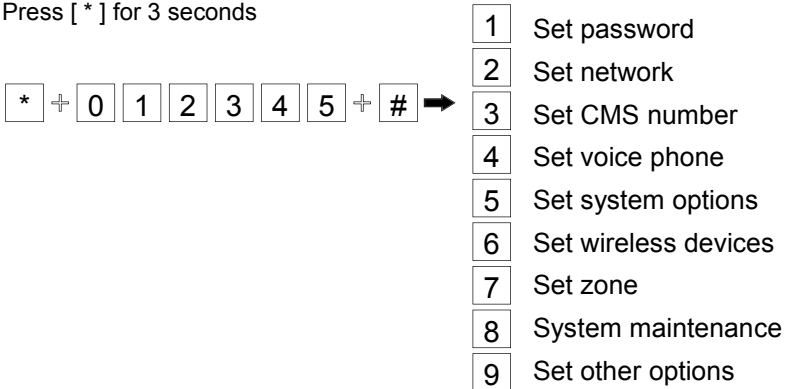
6.1 Set Password

Press [*] for 3 seconds.

| * | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | + | 1 | # |

Set password

[1] set admin password

| 1 | # |

Please enter new password,press confirm key to save,press back key to exit

| x | x | x | x | x | # |

The setting is saved

[2] set user password

| 2 | # |

Please enter the serial number of your modified password

| x | x | # |

Please enter new password,press confirm key to save,press back key to exit.

| x | x | x | x | # |

The setting is saved

19
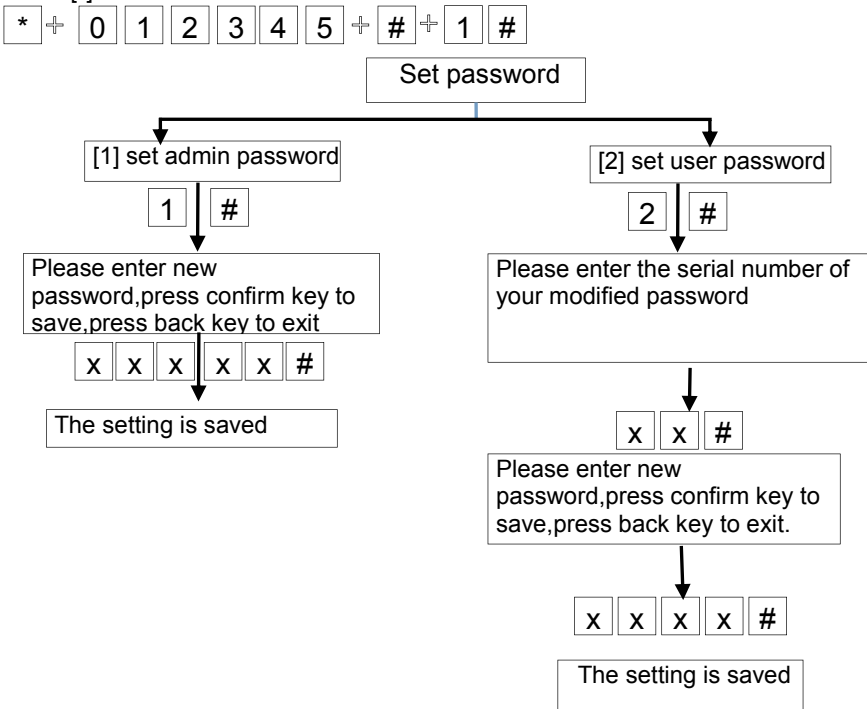
Note:

1. password setting include "user password" and " administrator password", user password mainly use to disarm the system, it is a private key for remote controlling, "administrator password" is the sole password to set the system.

2. Administrator password is 6 digit, user password is 4 digit, can set 16 user passwords, corresponding password No. from 01 to 16, but No.2-16 password can't enter user setting.

3.If forget the password, when the alarm is powered on, for the first minute,the administrator password is 000000.

For example: Set admin password as 888888

Press [*] for 3 seconds

| * | ➡ Enter password | ⊹ | 0 | 1 | 2 | 3 | 4 | 5 | ⊹ | # | ⊹ | 1 | # | ⊹ | 1 | # |

➡ Please enter new password,press confirm key to save,press back key to exit   ⊹ | 8 | 8 | 8 | 8 | 8 | 8 | ⊹ | # |

Note:

1.Above base on the correct operation, if incorrect operation occurs, please press back key to back previous menu to reset.

2.The factory default of admin password is 012345, user password is 1234, if you have modified the password, please refer to the new password.

6.2 Set Network

Press[*] for 3 seconds

| * | ⊹ | 0 | 1 | 2 | 3 | 4 | 5 | ⊹ | # | ⊹ | 2 | # |

According to the voice prompt to make follow operations

```
                        ┌──────────────┐
                        │ Set network  │
                        └──────────────┘
```

1.Set network IP	2.set network gateway	3.set network mask	4.set network CMS IP	5.set network CMS port	6.set network CMS account No.	7.set network CMS password
1 #	2 #	3 #	4 #	5 #	6 #	7 #

Please enter 12-digit IP ID,press confirm key to save, press back key to exit.

Please enter 12-digit subnet mask,press confirm key to save,press back key to exit.

Please enter 5-digit port data,press confirm key to save,press back key to exit.

Please enter 8-digit CMS account number,press confirm key to save,press back key to exit.

Please enter 8-digit CMS password.press confirm key to save,press back key to exit.

X X X #

┌────────────────────┐
│ The setting is saved │
└────────────────────┘

Note:

1. The IP address of the alarm control panel is 192.168.1.81(factory default), please set it according to actual network environment. If it have more alarm control panels, it can not repeat the IP address.

2. Setting the IP address, gate way, If it is not enough 3 digits, please fill in the 0 before the digit.

3. User have to save and back to the network setting to make the parameter in valid.

6.3 Set CMS NO.

Press[*] for 3 seconds

* + 0 1 2 3 4 5 + # + 3 #

```
                        ┌─────────────────┐
                        │   Set network   │
                        └─────────────────┘
```

1.set CMS phone No.1	2.set CMS phone No.2	3.set user No.	4.set CMS dialing times	5.set CMS communication test interval time

`1 #` `2 #` `3 #` `4 #` `5 #`

please enter phone number, press * key to delete, Press confirm key to save, press back key to exit.	Please enter phone No. Press * key to delete, Press confirm key to save, press back key to exit.	please enter dialing times, press confirm key to save, press back key to exit.	please enter communication inspection interval time, 0 for disable, press confirm key to save, press back key to exit.

`2 2 2 2`

┌─────────────────────┐
│ The setting is saved │
└─────────────────────┘

Note: 1.The user code is the identification code in CMS setting, CMS 1 and CMS 2 use the same user code; dialing times can be set 1-15 , communication inspection interval time can be set   0-999 hours, the common setting is 24 hours.

2.When set phone number, long press 1, display the letter P, means pause 1 second when dialing, when the telephone line which connect to the alarm panel is sub-line, need a pause dialing.
3.For GSM, just recognize the number behind P, can make sure telephone and GSM dial the same number.

6.4 Set Voice Phone

Press[*] for 3 seconds

*012345#4#

```
                           ┌─────────────────────┐
                           │   Set voice phone   │
                           └─────────────────────┘
```

1.set voice phone 1	2.set voice phone 2	3.set voice phone 3	4.set voice phone 4	5.set voice phone dialing times	6.set voice phone pwd inspection

| 1 | # | 2 | # | 3 | # | 4 | # | 5 | # | 6 | # |

1.Enable
2.Disable

please enter phone number, press * key to delete, press confirm key to save, press back key to exit.	please enter dialing times. press confirm key to save, press back key to exit.

| 2 | 2 | 2 | 2 |

The setting is saved

Note:

1.dialing times can set 1-15

2.When panel call user's phone, if you enable password check, it will prompt enter user password when pick up the call.

6.5 Set System Option

Press[*] for 3 seconds

| * | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # |

| 5 | # | ➡

1	Set system clock
2	Set entry delay
3	Set exit delay
4	Set siren time
5	Set detector loss inspection
6	Set arm/disarm tone
7	Set arm/disarm report
8	Set emergency alarm siren type
9	Set others

6.5.1 set system clock. Please refer the operation 5.1

6.5.2 set entry delay

Entry Delay: it refers to the period in which the alarm control panel will delay the alarm when the alarm is triggered.default setting is 10 seconds

Example: set entry delay as 20 seconds.

Press[*] for 3 seconds

| * | ➜ | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | + | 5 | # | + | 2 | # |

➜ | Please enter entry delay time,press confirm key to save,press back key to exit. | + | 0 | 2 | 0 | + | # |

Enter 3 digit number from 0-255, add 0 from the first digit if less than 3 digit

Note: entry delay is just effective to the delay zone. It is disable for the other alarm type.

6.5.3 set exit delay

Exit Delay: it refers to the period which allows users to exit the zone before arming is activated after setting arm manually or by remote controller, default setting is 10 seconds.

Example: set exit delay as 20 seconds.

Press [*] for 3 seconds

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | + | 5 | # | + | 3 | # |

→ Please enter exit delay time,press confirm key to save,press back key to exit.   + | 0 | 2 | 0 | + | # |

Enter 3 digit number from 0-255, add 0 from the first digit if less than 3 digit

6.5.4 set siren time

The ring times of the siren after the system is triggered. Default setting is 5 minutes.

Example: set siren time is 10 minutes

Press [*] for 3 seconds

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | + | 5 | # | + | 4 | # |

→ Please enter 0 to 30 minutes siren time, press confirm key to save,press back key to exit.   + | 1 | 0 | + | # |

6.5.5 set detector loss inspection

The alarm control panel in setting the time period of testing whether receive detector status report or alarm information,generally setting not less than 6 hours, factory default setting is 0 (Disable)

Example: set the detector loss inspection time is 8 hours.

Press [*] for 3 seconds.

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + # | + | 5 | # | + | 5 | # |

→ | Please enter 0 to 99 hours detector loss inspection time, 0 for disable,press confirm key to save,press back key to exit. | + | 0 | 8 | + | # |

6.5.6 set arm/disarm tone

When user arm/disarm the alarm control panel by the remote controller whether enable or disable the built-in siren tone of the alarm control panel. Default setting is disable.

Example: set arm/disarm tone as siren short sound.

Press[*] for 3 seconds.

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + # | + | 5 | # | + | 6 | # |

→ | Please choose arm/disarm tone: 1. siren short sound 2. no voice,press confirm key to save,press back key to exit. | + | 1 | + | # |

6.5.7 set arm/disarm report

Whether send the arm/disarm report the CMS or not. Default setting is disable

Example: set report the arm/disarm to the CMS.

Press [*] for 3 seconds.

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + # | + | 5 | # | + | 7 | # |

→ | Please choose arm/disarm report: 1. enable 2.disable,press confirm key to save,press back key to exit. | + | 1 | + | # |

6.5.8 set emergency alarm siren type (Default setting is mute)

Example: set emergency alarm siren type is pedal point

Press[*] for 3 seconds

| * | → | Enter password | ⊹ | 0 | 1 | 2 | 3 | 4 | 5 | ⊹ | # | ⊹ | 5 | # | ⊹ | 8 | # |

→ | Please choose zone siren type: 1.pedal point 2.pulse tone 3. Mute,press confirm key to save,press back key to exit. | ⊹ | 1 | ⊹ | # |

6.5.9 set others

Press[*] for 3 seconds

| * | ⊹ | 0 | 1 | 2 | 3 | 4 | 5 | ⊹ | # |
| ⊹ | 5 | # | ⊹ | 9 | # | → |

1	Set force alarm
2	Set AC off inspection time
3	Enable magnetic contact inspection
4	Check wireless detector tamper
5	Set zone alarm times
6	Set listen-in time

6.5.9.1 set force alarm

When sensor faulty has been triggered to alarm frequently, force alarm can bypass the faulty zone of the sensor. If disable force alarm, the alarm control panel can not arm the system under the faulty status. Default setting is disable.

Press [*] for 3 seconds

| * | → | Enter password | ⊹ | 0 | 1 | 2 | 3 | 4 | 5 | ⊹ | # | ⊹ | 5 | # | ⊹ | 9 | # |

⊹ | 1 | # | → | Please choose: 1. Enable force arm 2. Disable force arm, press confirm key to save,press back key to exit. | ⊹ | 1 | ⊹ | # |

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6.5.9.2 set AC off inspection time

When AC loss, delay time of sending the report to the CMS. *Default setting is 30 minutes.（0-255 minutes for setting)*

Press [*] for 3 seconds

| * | → | Enter password | ╬ 0 | 1 | 2 | 3 | 4 | 5 ╬ # ╬ 5 | # ╬ 9 | # |

╬ 2 ‖ # → | Please enter 0 to 255 minutes AC off duration time, press confirm key to save,press back key to exit. | ╬ 0 | 1 | 5 ╬ # |
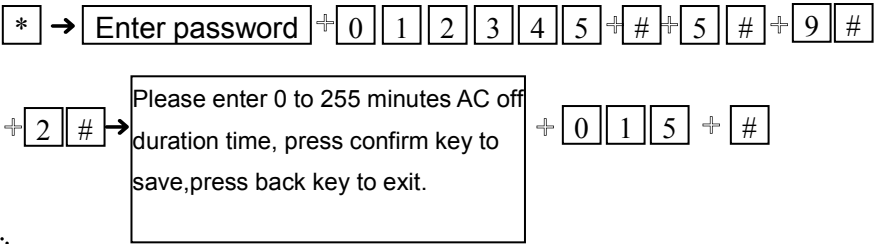
*The function mainly used in the power supply unstable area.

6.5.9.3 enable magnetic contact inspection

To detect the door whether open or closed (when separate the magnetic strip from transmitter, the alarm control panel show zone faulty on the LCD screen and give report to users. *Default setting is disable.*

Press [*] for 3 seconds

| * | → | Enter password | ╬ 0 | 1 | 2 | 3 | 4 | 5 ╬ # ╬ 5 | # ╬ 9 | # |

╬ 3 ‖ # → | Please choose: 1. Enable door contact inspection 2. Disable, press confirm key to save,press back key to exit. | ╬ 1 ╬ # |
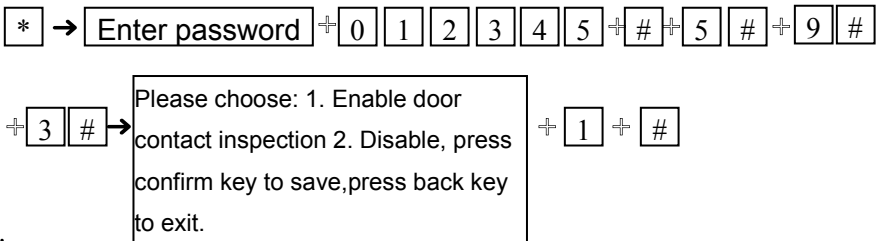
6.5.9.4 check wireless detector tamper

Whether check detector tamper or not, if check, the alarm control panel will alarm, if do not check the detector tamper, the alarm control panel will not alarm. Default setting is enable.

| * | → | Enter password | ╬ 0 | 1 | 2 | 3 | 4 | 5 ╬ # ╬ 5 | # ╬ 9 | # |

╬ 4 ‖ # → | Please choose : 1. Enable wireless detector tamper inspection, 2. Disable, press confirm key to save,press back key to exit. | ╬ 2 ╬ # |

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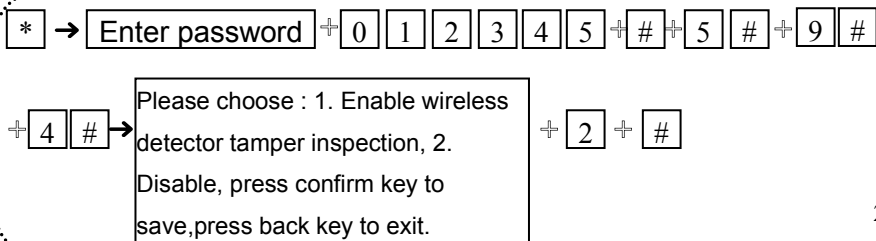
6.5.9.5 set zone alarm times

Before clear alarm or disarm, if set alarm times is 3, when you trigger to alarm again, the alarm control panel will not make alarm.

Example: set zone alarm times is 3 times.

| * | → | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 5 | # | ╬ | 9 | # |

╬ 5 # → Please choose zone alarm times: 1. no limited　2. 3 time, press confirm key to save,press back key to exit.　╬ 2 ╬ #
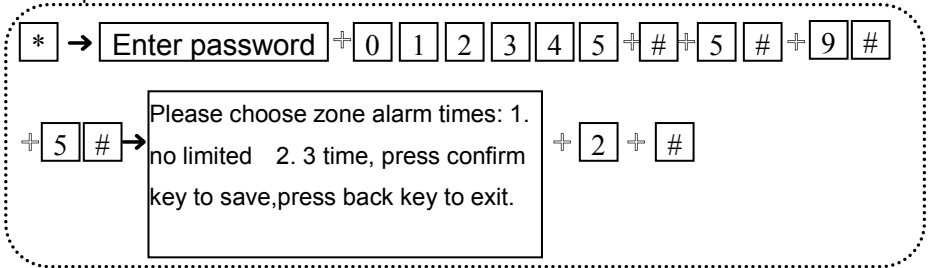
6.5.9.6 set listen-in time

Example:set listen-in time is 20 seconds.

| * | → | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 5 | # | ╬ | 9 | # |

╬ 6 # → Please enter 10 to 255 seconds listen-in time, press confirm key to save,press back key to exit.　╬ 0 2 0 ╬ #
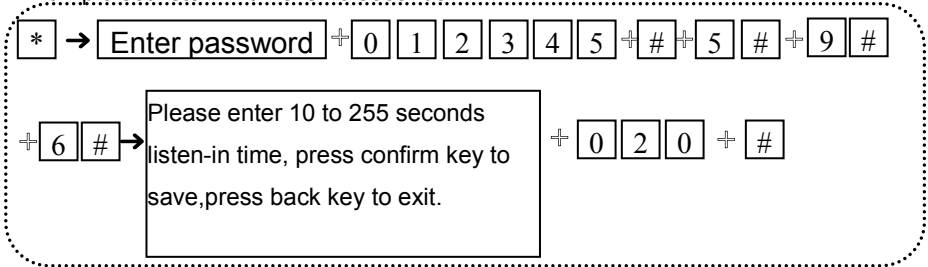
6.6 Set Wireless Device

Press[*] for 3 seconds

| * | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # |

╬ 6 # →

1	Set remote controller
2	Set detectors
3	Set RFID tags
4	Set appliance switch
5	Enroll wireless siren
6	Set door bell
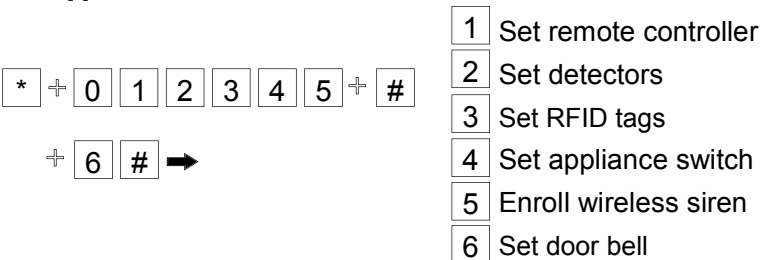
6.6.1 set remote controller

Press [*] for 3 seconds

| * | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | ⌐ 1 Enroll remote controller |

+ 6 # + 1 # ➡

2 Enter remote control code

3 Delete remote control
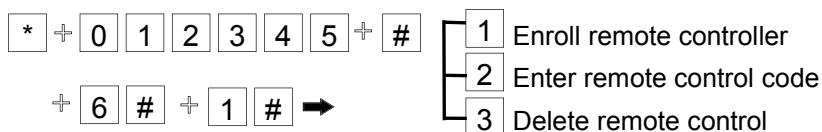
6.6.1.1 enroll remote controller

Example:enroll the remote controller to the serial No.3.

* ➡ Enter password + 0 1 2 3 4 5 + # + 6 # + 1 #

+ 1 # ➡ Please enter the serial number of remote control, press confirm key to save,press back key to exit. + 3 # ➡ Please trigger the remote control

➡ ➡ Enroll successful + #

Trigger the arm button
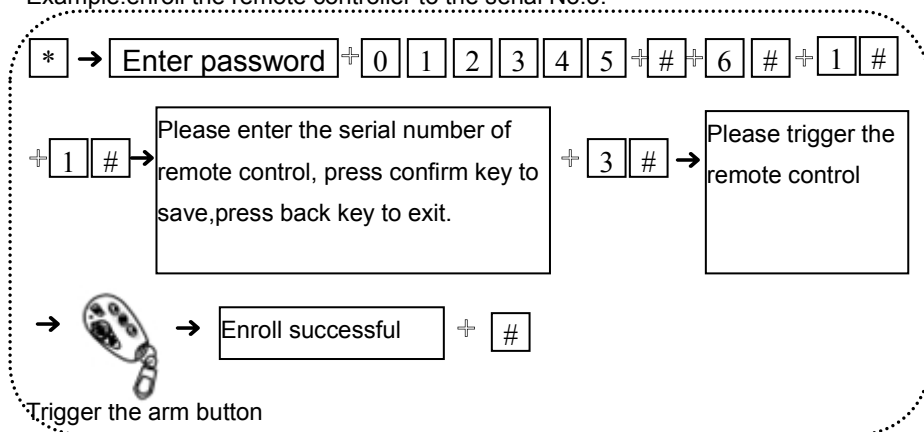
6.6.1.2 enter remote control code

Example:manual enter the address code 112113114 of the remote controller as the serial No. 8

* ➡ Enter password + 0 1 2 3 4 5 + # + 6 # + 1 #

+ 1 # ➡ Please enter the serial number of remote control, press confirm key to save,press back key to exit. + 3 # ➡ Please enter remote controller No., press confirm key to save,press back key to exit.

1 1 2 1 1 3 1 1 4 + #
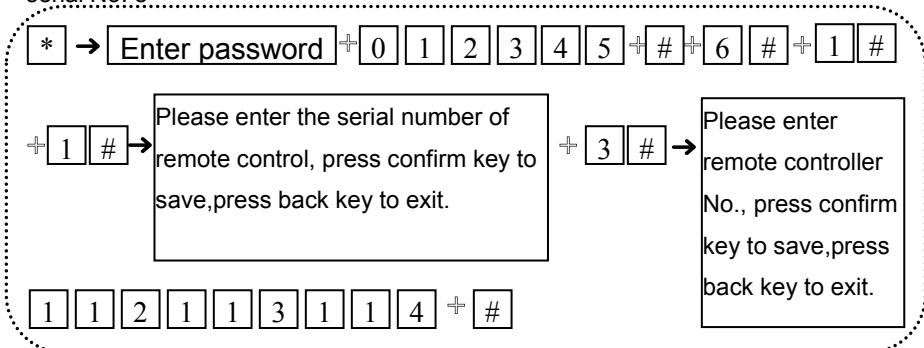
6.6.1.3 delete remote controller

Example: delete the serial No. 5 one.

| ∗ | → | Enter password | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # | ⊹ 6 | # | ⊹ 1 | # |

⊹ 3 # → | Please enter the serial number of remote control to delete, enter 0 to delete all, press confirm key to save,press back key to exit. | ⊹ 5 ⊹ #
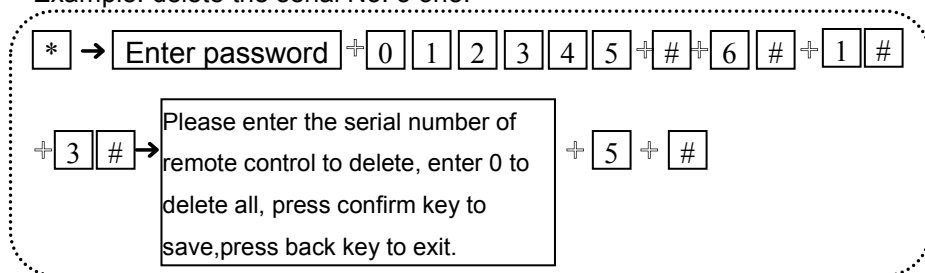
6.6.2 set detectors

Press [*] for 3 seconds

| ∗ | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # |

⊹ 6 # ⊹ 2 # →

1 Detector coding
2 Enter detector code
3 Delete detector
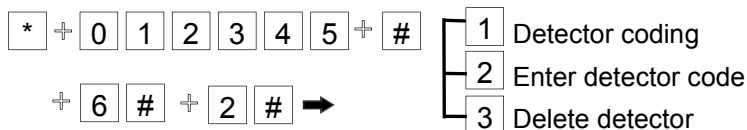
6.6.2.1 detector coding

Example: set the detector auto enroll to the serial No.9

| ∗ | → | Enter password | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # | ⊹ 6 | # | ⊹ 2 | # |

⊹ 1 # → | Please enter detector No., press confirm key to save,press back key to exit. | ⊹ 0 9 # → | Please trigger the detector |

→ | Enroll successful | ⊹ #
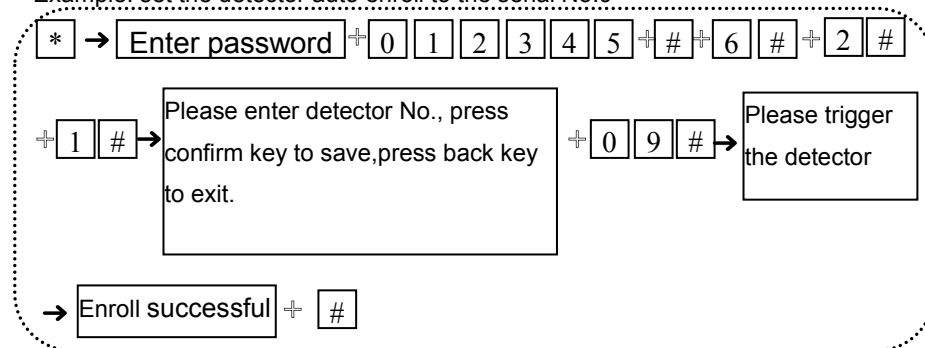
6.6.2.2 enter the detector code

Example: manual enter the detector address code 011022033 to the serial No.7 detector.

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```
 *  →  Enter password  ╫ 0  1  2  3  4  5 ╫ # ╫ 6  # ╫ 2  #
```

```
 ╫ 2  #   │ Please enter detector No.,          │    ╫ 0  7  #  →  │ Please enter detector
           │ press confirm key to                │                    │ code, press confirm key
           │ save,press back key to exit.        │                    │ to save,press back key
                                                                        │ to exit.
```

```
 0  1  1  0  2  2  0  3  3  ╫ #
```
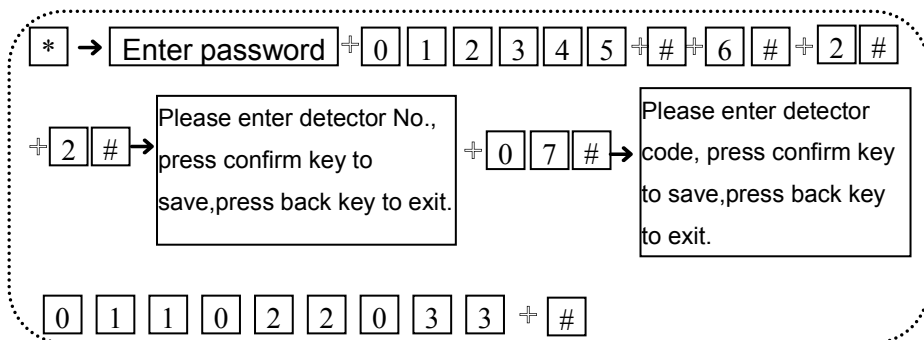
6.6.2.3 delete detector

Example:delete the serial No.3 detector

```
 *  →  Enter password  ╫ 0  1  2  3  4  5 ╫ # ╫ 6  # ╫ 2  #
```

```
 ╫ 0  3  →  │ Please enter the serial number of    │   ╫ 0  3  ╫ #
             │ detector to delete, enter 00 to delete│
             │ all,press confirm key to save,press   │
             │ back key to exit.                     │
```

6.6.3 set RFID tags

```
 *  ╫ 0  1  2  3  4  5  ╫ #
 ╫ 6  #  ╫ 3  #  →         ┌ 1  RFID tag enrolling
                           └ 2  RFID tag delete
```
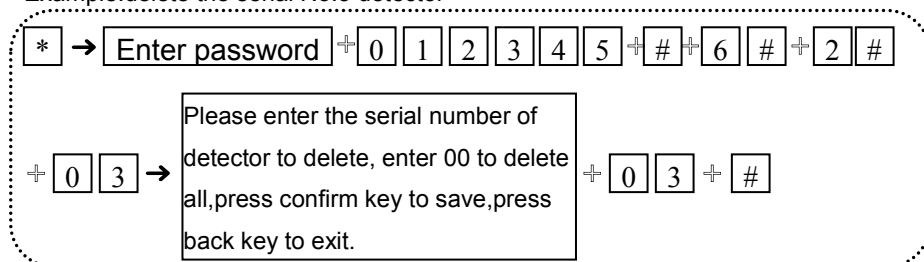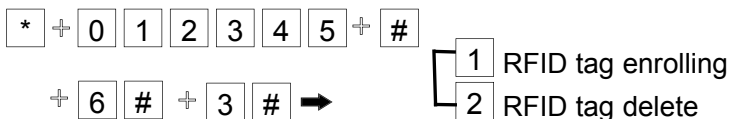
6.6.3.1 RFID tag enrolling

Example: make the RFID tag auto enroll to the serial No. 1 use

```
 *  →  Enter password  ╫ 0  1  2  3  4  5 ╫ # ╫ 6  # ╫ 3  #
```

```
 ╫ 1  #  →  │ Enter the serial number of RFID tag, │   ╫ 1  #  →  │ Keep the RFID tag
             │ press confirm key to save,press       │               │ near the sensor
             │ back key to exit.                     │               │ area
```

```
 →  │ Enroll successful │  ╫  #
```

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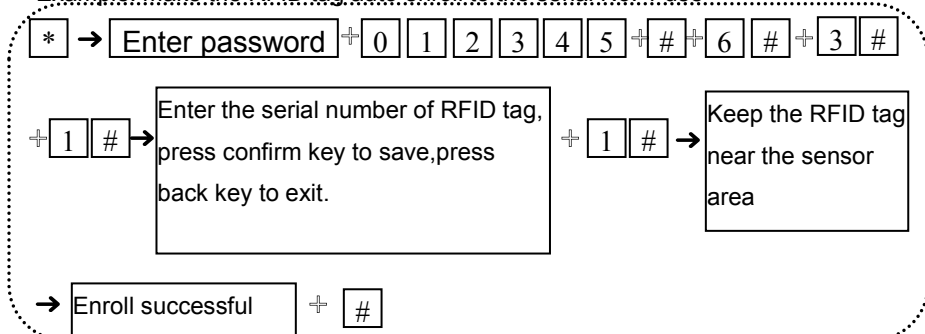
After enroll RFID tag success. Please set the RFID tag function to make in valid.

Refer to the manual 6.7.4

6.6.3.2 RFID tag delete

Example: delete the serial No. 2 RFID tag.

| * | → | Enter password | + 0 | 1 | 2 | 3 | 4 | 5 | + # | + 6 | # | + 3 | # |

+ 2 | # → Please enter the serial number of RFID tags to delete, enter 00 to delete all, press confirm key to save,press back key to exit. | + 2 | + # |
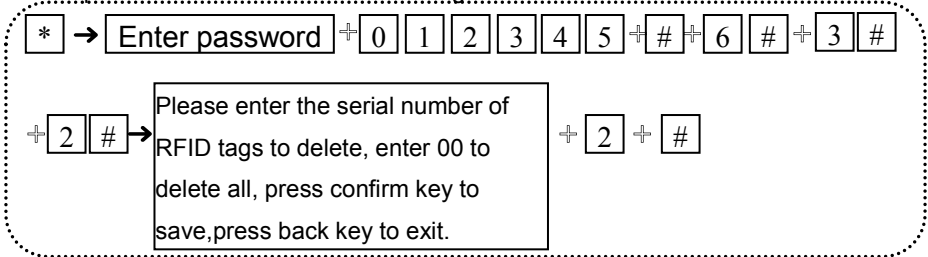
6.6.4 set appliance switch

Press [*] for 3 seconds

| * | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # |

+ 6 | # | + 4 | # | ➡

1 Enroll appliance switch
2 Delete appliance switch
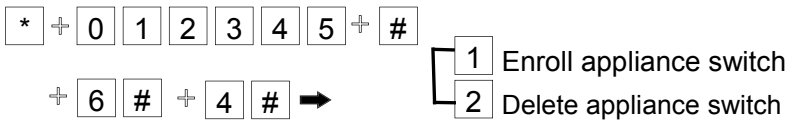
6.6.4.1 enroll appliance switch

Example: make the appliance switch auto enroll to the serial No. 1.

| * | → | Enter password | + 0 | 1 | 2 | 3 | 4 | 5 | + # | + 6 | # | + 4 | # |

+ 1 | # → Please enter the serial number of appliance switch, press confirm key to save,press back key to exit. | + 0 | 9 | # → Please trigger appliance switch

→ Enroll successful | + | # |
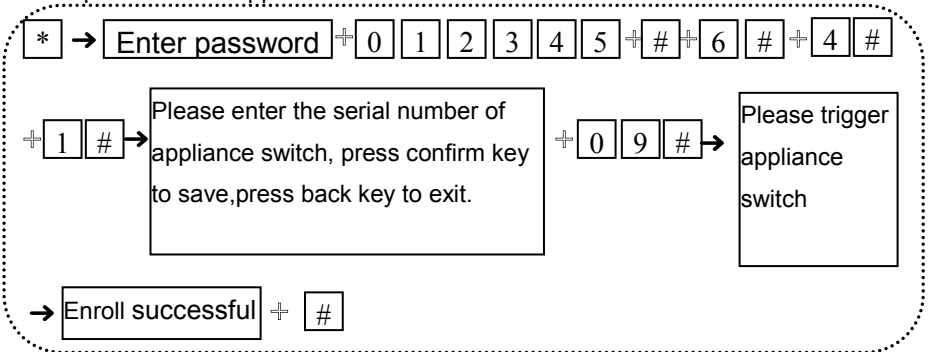
6.6.4.2 delete appliance switch

Example: delete the serial No.4 appliance switch.

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```
*  →  Enter password  + 0  1  2  3  4  5  + #  + 6  #  + 4  #
```
```
+ 2  #  →  Please enter the serial number of
            appliance switch to delete, enter 0 to    + 4  + #
            delete all, press confirm key to
            save,press back key to exit.
```

6.6.5 enroll wireless siren

Press [*] for 3 seconds

```
*  + 0  1  2  3  4  5  + #
+ 6  #  + 5  #  →        1  Enroll wireless siren
                        2  Delete wireless siren
```

6.6.5.1 enroll wireless siren

Press [*] for 3 seconds

```
*  →  Enter password  + 0  1  2  3  4  5  + #  + 6  #  + 5  #
```
```
+ 1  #  →  Please make wireless siren under
            coding status, then press confirm    + #  Start siren coding,
            key to start coding.                      please operate as  →
                                                       voice prompting
```
```
Trigger        This is one way wireless siren,press
the siren   →  confirm key to save,press back key to exit.
by manual                                                    + #  Setting is saved
               This is 2-way wireless siren,press confirm
               key to save,press back key to exit.
```

Note: when the wireless dual way siren be triggered by the tamper button. The LCD

display the zone No.41 alarm from the alarm control panel. One alarm control panel only can enroll one dual way wireless siren. The single wireless siren have no quantity limited for enrolling.

6.6.5.2 delete wireless siren

Press [*] for 3 seconds

| * | → | Enter password | ✛ | 0 | 1 | 2 | 3 | 4 | 5 | ✛ | # | ✛ | 6 | # | ✛ | 5 | # |

✛ 2 # → Delete wireless siren,press confirm key to save,press back key to exit. ✛ # Setting is saved
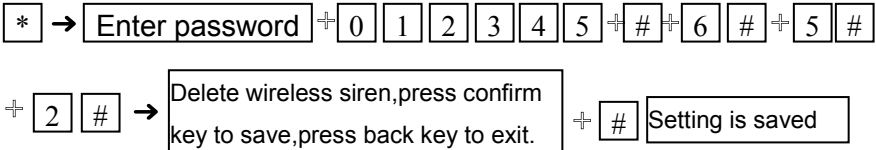
(note: as above operation is to delete the dual way wireless siren)

6.6.6 set door bell

Press [*] for 3 seconds.

| * | ✛ | 0 | 1 | 2 | 3 | 4 | 5 | ✛ | # |
✛ 6 # ✛ 6 # ➡

1 Enroll door bell
2 Delete door bell

6.6.6.1 enroll door bell

| * | → | Enter password | ✛ | 0 | 1 | 2 | 3 | 4 | 5 | ✛ | # | ✛ | 6 | # | ✛ | 6 | # |
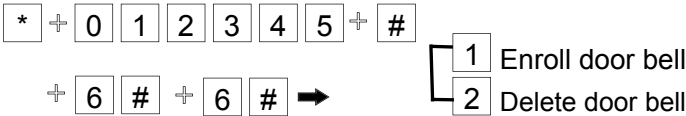
✛ 1 # → Please trigger the door bell → trigger the door bell button by manual → Enroll successful ✛ #
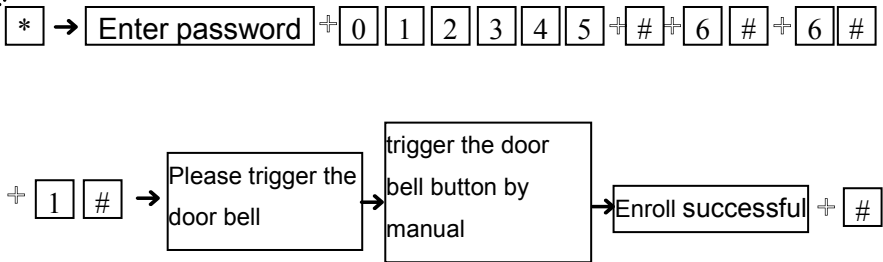
Note: only can enroll 1 wireless door bell.

6.6.6.2 delete door bell

Press [*] for 3 seconds

| * | → | Enter password | + 0 | 1 | 2 | 3 | 4 | 5 | + # | + 6 | # | + 6 | # |

+ 2 # → Delete doorbell,press confirm key to save,press back key to exit. + #
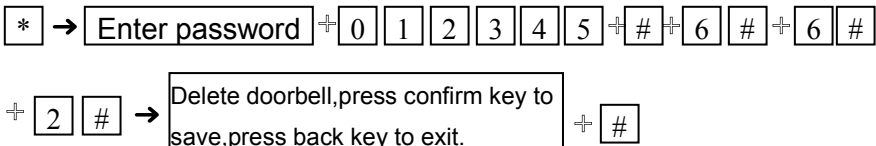
6.7 Set Zone

Press [*] for 3 seconds

| * | + 0 | 1 | 2 | 3 | 4 | 5 | + | # |

+ 7 # →
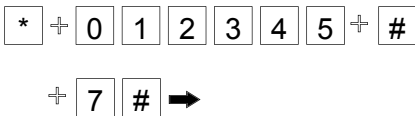
1	Set zone attributions
2	Set zone siren type
3	Set related zone
4	Set RFID tag function

6.7.1 set zone attribution

Zone attribution: refer to the detector in this zone be triggered to alarm and display the alarm type to the LCD screens. If set as 0, it will not trigger to alarm in any cases.

The type of zone attribution is as below:

0>disable zone   1> delay zone   2> perimeter zone   3>interior zone
4>emergency zone   5> 24 hours zone   6>fire zone   7> key zone

1. *Zone attribution is the alarm type of the zone display on the alarm panel's LCD screen when the zone is triggered. When set the zone attribution as 0 is to disable the zone. The alarm panel will not make alarm when trigger this zone.*

2. *interior zone only trigger alarm when the zone is triggered under system at armed status.*

3. *delay and perimeter zone trigger alarm when the zone is triggered under system at armed or home arm status.*

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4. *emergency zone, 24 hours zone, fire zone will trigger alarm when system at any status*
5. *wireless zone can not set key zone type. When wired zone is set as key zone, trigger the zone, system turn to disarm status. The zone restore, system turn to armed status. This is for access control system.*

Factory default: Wireless zone 1-32 enable, wired zone 33-40 disable. Zone 00 is system zone. Zone 41 is dual-way wireless siren zone.

Example set the zone 39 as key zone.

* → Enter password ┼ 0 1 2 3 4 5 ┼ # 7 # ┼ 1 #

→ Please enter the zone No. to modify, press confirm key to save,press back key to exit.

→ 7 ┼ #

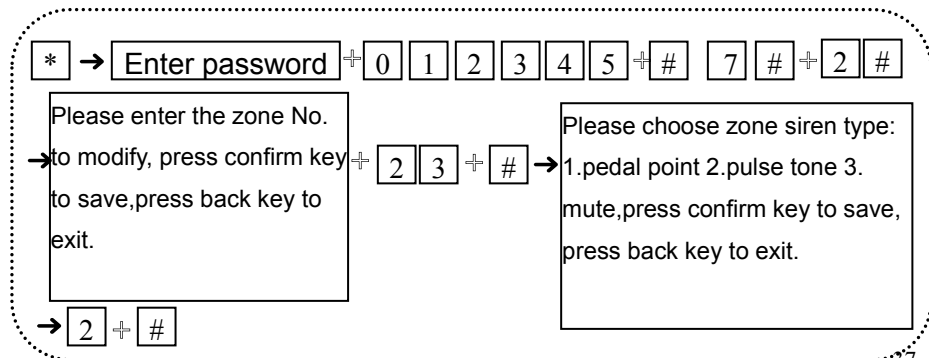┼ 3 9 ┼ # → Please choose zone type:0. Disable the zone,1. Delay zone,2. Perimeter zone,3. Interior zone,4. Emergency zone,5. 24 hours zone,6. Fire zone,7. Key zone,press confirm key to save, press back key to exit.
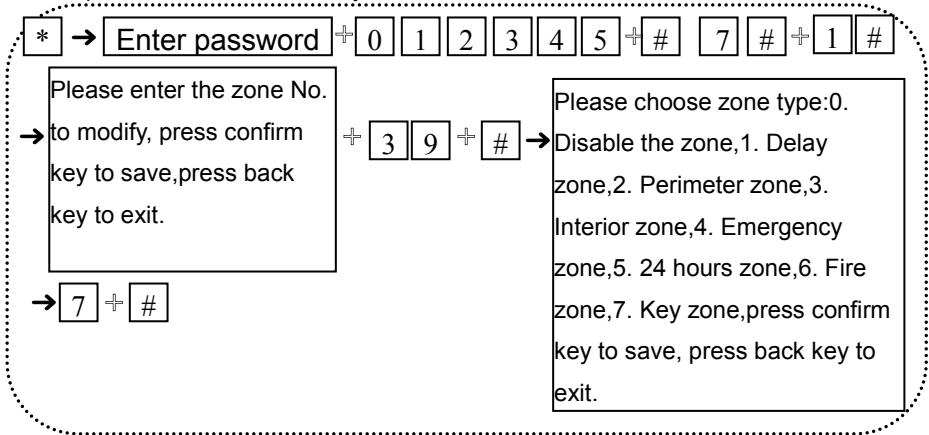
6.7.2 set zone siren type.(default setting is pedal point)

Example: set zone 23 siren type is pedal point.

* → Enter password ┼ 0 1 2 3 4 5 ┼ # 7 # ┼ 2 #

→ Please enter the zone No. to modify, press confirm key to save,press back key to exit.

→ 2 ┼ #

┼ 2 3 ┼ # → Please choose zone siren type: 1.pedal point 2.pulse tone 3. mute,press confirm key to save, press back key to exit.
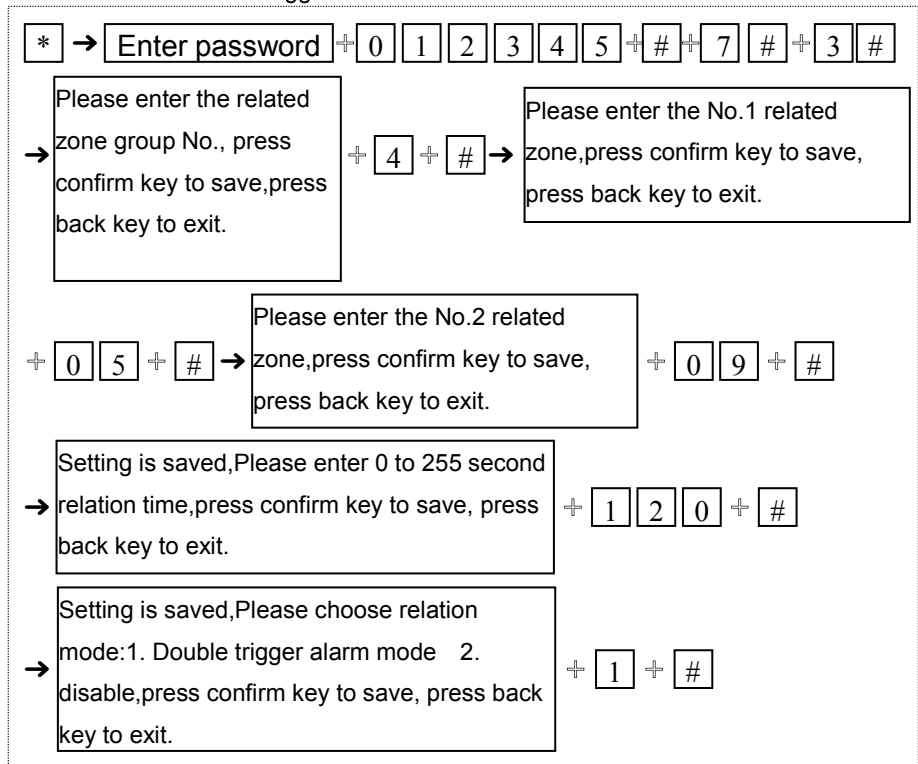
6.7.3 set related zone (Support 8 Group Of Related Zone)

Formula: Zone1 + Zone 2 + related time + Mode

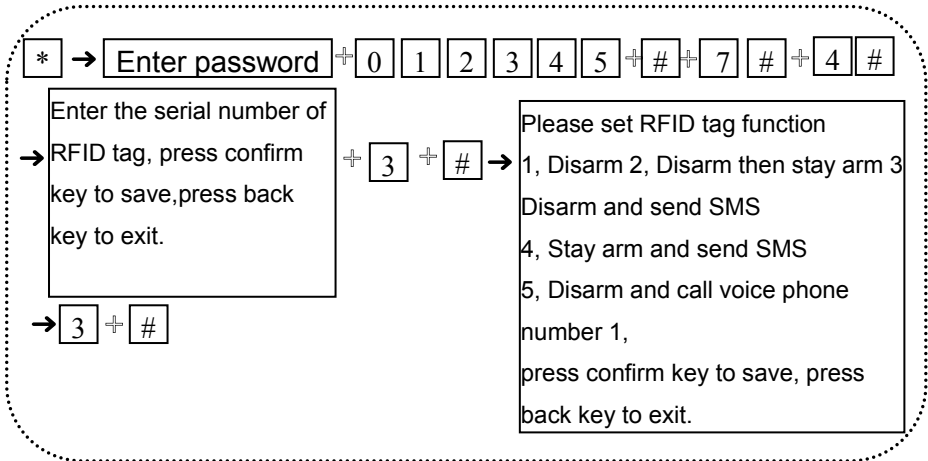| 1. Dual trigger alarm mode	*Single trigger zone 1 or zone 2, do not alarm. * trigger zone 1 or zone 2 separately within the related time, zone 1 and zone 2 alarm.
2. disable	Do not use the related zone

Example: make zone 5 and zone 9 related as group of 4, and related time is 120 seconds. Mode is dual trigger alarm mode.

| * | → | Enter password | ✛ 0 1 2 3 4 5 ✛ # ✛ 7 # ✛ 3 # |

→ Please enter the related zone group No., press confirm key to save,press back key to exit. ✛ 4 ✛ # → Please enter the No.1 related zone,press confirm key to save, press back key to exit.

✛ 0 5 ✛ # → Please enter the No.2 related zone,press confirm key to save, press back key to exit. ✛ 0 9 ✛ #

→ Setting is saved,Please enter 0 to 255 second relation time,press confirm key to save, press back key to exit. ✛ 1 2 0 ✛ #

→ Setting is saved,Please choose relation mode:1. Double trigger alarm mode   2. disable,press confirm key to save, press back key to exit. ✛ 1 ✛ #
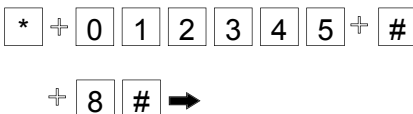
6.7.4 set RFID tag function

Example: set serial No. RFID tag 2 function is disarm the system and send the message to the users.

The SMS must be preset in the web IE settings.

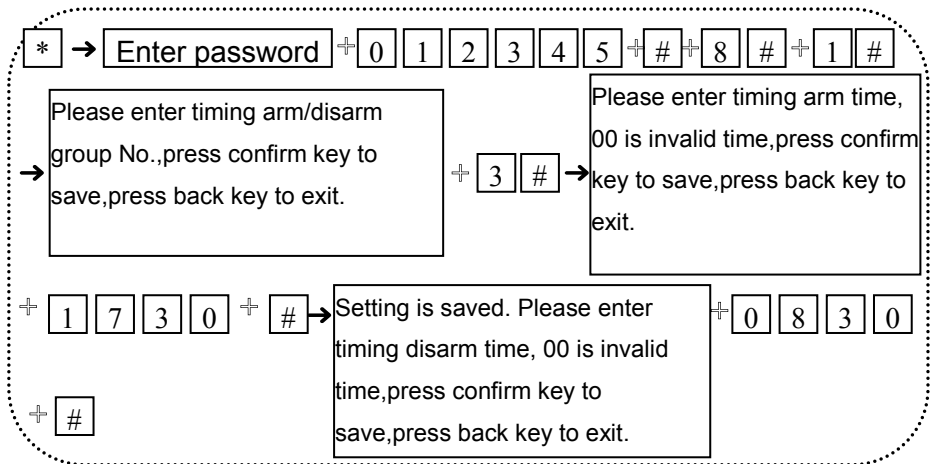| * | → | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 7 | # | ╬ | 4 | # |

→ Enter the serial number of RFID tag, press confirm key to save,press back key to exit.

╬ 3 ╬ # →

Please set RFID tag function
1, Disarm 2, Disarm then stay arm 3 Disarm and send SMS
4, Stay arm and send SMS
5, Disarm and call voice phone number 1,
press confirm key to save, press back key to exit.

→ 3 ╬ #

6.8 System Maintenance

Press[*] for 3 seconds

* ╬ 0 1 2 3 4 5 ╬ #

╬ 8 # ➡

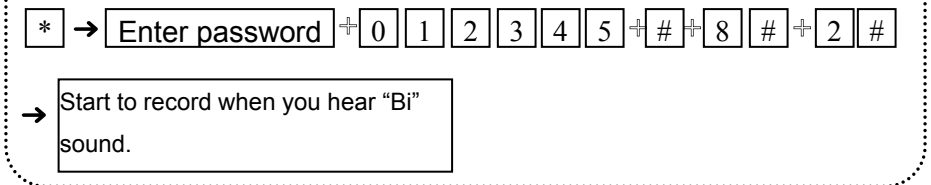| 1 | Set timing arm/disarm |
2	Recording
3	Play recording
4	Set PGM output port
5	Delete system log
6	Restore to factory default

6.8.1 set timing arm/disarm

Example: set the group 3 timing arm at 17:30, timing disarm 8:30.

```
* → Enter password ⊹ 0 1 2 3 4 5 ⊹ # ⊹ 8 # ⊹ 1 #
```

→ | Please enter timing arm/disarm group No.,press confirm key to save,press back key to exit. | ⊹ 3 # → | Please enter timing arm time, 00 is invalid time,press confirm key to save,press back key to exit. |

⊹ 1 7 3 0 ⊹ # → | Setting is saved. Please enter timing disarm time, 00 is invalid time,press confirm key to save,press back key to exit. | ⊹ 0 8 3 0

⊹ #

6.8.2 recording

Press[*] for 3 seconds

```
* → Enter password ⊹ 0 1 2 3 4 5 ⊹ # ⊹ 8 # ⊹ 2 #
```

→ | Start to record when you hear "Bi" sound. |

Note: 15 seconds for the recording time. It will play recording as soon as the panel be triggered and dial to the user's voice phone No.

6.8.3 play recording

```
* → Enter password ⊹ 0 1 2 3 4 5 ⊹ # ⊹ 8 # ⊹ 3 #
```

→ | Play recording |
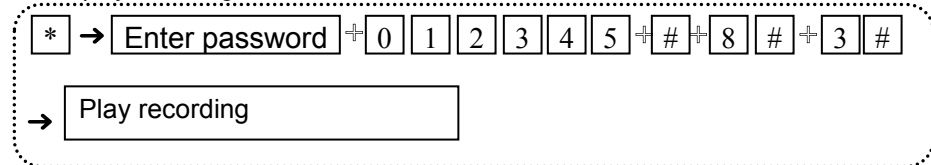
6.8.4 set programmable output port

User can connect one wired device to the PGM port. The voltage will verity from 0V to 14.5V from this PGM port as some alarm events be triggered. User can

set below alarm output options as below.

1.Follow alarm output   2. Follow AC power fault output

3.Follow arm output   4, Follow disarm output

5, Follow Communication fault output   6. Password control output

Example: set PGM output port follow the password control output.

| ∗ | → | Enter password | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # | ⊹ 8 | # | ⊹ 4 | # |

→ Please select PGM output port follow event
1.Follow alarm output   2. Follow AC power fault output   ⊹ 5 | #
3.Follow arm output   4, Follow disarm output   5, Follow
Communication fault output   6. Password control output,press
confirm key to save, press back key to exit.

When follow the password control output. Press [5] button from the alarm control
panel for 3 seconds. Input the password, enable or disable the PGM port. Or can
operate it through the voice phone call and GSM message remote control.

6.8.5 delete system log

Press[*] for 3 seconds

| ∗ | → | Enter password | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # | ⊹ 8 | # | ⊹ 5 | # |

→ Please re-confirm to delete system
event,press confirm key to   ⊹ #
save,press back key to exit.

6.8.6 restore to factory fault

Press[*] for 3 seconds

| ∗ | → | Enter password | ⊹ 0 | 1 | 2 | 3 | 4 | 5 | ⊹ # | ⊹ 8 | # | ⊹ 6 | # |

→ Please re-confirm to restore to
factory default,press confirm key to   ⊹ #
save,press back key to exit.

After restore to factory fault setting. All the wireless devices need to reset and enroll the parameter to alarm control panel again.

6.9 Advanced Setting Options(Without Voice Prompt)

The **programmable address** (50-99) is alarm events.

01	SMS Language Settings		60	Home Arm	5
02	Boot Voice Volume		61	System Low Battery	5
03	LCD Standby Lightness		62	System AC Loss	5
04	CMS Heartbeat Settings		63	System AC Recovery	5
05	GSM SPK		64	Clear Alarm	5
06	GSM MIC		65	Detector Low Battery	9
07	Door Bell Options		66	Detector Battery Recovery	9
08	Web Port		67	Wireless Detector Loss	9
09	Network CMS		68	System Programming Changed	9
50	Delay Alarm	7	69	System Arm Failed	9
51	Perimeter Alarm	7	70	Communication Testing	9
52	Interior Alarm	7	71	Zone Bypass	9
53	24 Hour Alarm	7	72	System Battery Recovery	8
54	Emergency Alarm	7	73	System Communication Faulty	8
55	Fire Alarm	7	74	Zone Bypass Recovery	8
56	SOS	7	75	System Communication Recovery	8
57	Tamper Alarm	7	76	Zone Loop Faulty	0
58	System Arm	5	77	Zone Loop Recovery	0
59	System Disarm	5			

The **data options** for alarm report:

0	Disable
1	CMS
2	Voice Phone

3	CMS+Voice Phone
4	SMS
5	CMS+SMS
6	Voice Phone+SMS
7	CMS+Voice Phone+SMS
8	Email
9	CMS+Email
10	Voice Phone+Email
11	CMS+Voice Phone+ Email
12	SMS+Email
13	CMS+SMS+Email
14	Voice Phone+SMS+Email
15	CMS+Voice Phone+SMS+Email

LCD display direction

Programming address   Data   Data bit

Make a example

When AC loss, user want to receive the message only.

From above programmable address table, find the AC loss belongs to 62, and data

is 5, send the message to user and report the alarm info to the CMS.

Press [*] for 3 seconds

* ➡ Enter password ✛ 0 1 2 3 4 5 ✛ # ✛ 9 #

➡ 6 2 ✛ 4 ✛ #

6.9.1 GSM message language

0 Chinese

1 English

Example set GSM message language is English.

```
* → Enter password ÷ 0 1 2 3 4 5 ÷ # ÷ 9 #

→ 0 1 ÷ 1 ÷ #
```

Note: after the alarm control panel do the operation of the restore the factory setting.
The GSM message back to Chinese. Please change to English as below operations.

6.9.2 boot voice volume (level 1-8)

Example: make the voice volume is 8.

```
* → Enter password ÷ 0 1 2 3 4 5 ÷ # ÷ 9 #

→ 0 2 ÷ 8 ÷ #
```

6.9.3 LCD standby lightness

01-10 level, do not set 03 or 04 level, which is corresponding to the refresh the LCD
display. It will cause to blinking display)

Example: set LCD standby lightness is 5

```
* → Enter password ÷ 0 1 2 3 4 5 ÷ # ÷ 9 #

→ 0 3 ÷ 0 5 ÷ #
```

6.9.4 CMS Heartbeat Time Settings(10-255 seconds)

Example set the CMS heartbeat time is 25 seconds.

```
* → Enter password ÷ 0 1 2 3 4 5 ÷ # ÷ 9 #

→ 0 4 ÷ 0 2 5 ÷ #
```

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6.9.5 GSM SPK (01-99 for options,factory default setting is 60)

Example: set GSM SPK is 50.

| * | ➜ | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 9 | # |

➜ | 0 | 5 | ╬ | 5 | 0 | ╬ | # |

6.9.6 GSM MIC (01-07 for options, factory default setting is 01)

Example: set GSM MIC is 07

| * | ➜ | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 9 | # |

➜ | 0 | 6 | ╬ | 0 | 7 | ╬ | # |

6.9.7 door bell voice options

0. Ding dong

1. Welcome

Example set the door bell is welcome

| * | ➜ | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 9 | # |

➜ | 0 | 7 | ╬ | 1 | ╬ | # |

6.9.8 web port setting

Web port support 00000-65535

Example set the web port is 00080

| * | ➜ | Enter password | ╬ | 0 | 1 | 2 | 3 | 4 | 5 | ╬ | # | ╬ | 9 | # |

| 0 | 8 | ╬ | 0 | 0 | 0 | 8 | 0 | ╬ | # |

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6.9.9 alarm network receiving center connection(0 disable, 1 enable)

Example enable the alarm network receiving center

| * | → | Enter password | + | 0 | 1 | 2 | 3 | 4 | 5 | + | # | + | 9 | # |

→ | 0 | 9 | + | 1 | + | # |

Chapter VII Web IE Introduction

Open the IE browse and input the IP address of the alarm control panel, please enter the user and password. ***Default user account is admin, and password is 012345.***

Open the internet browse as below photo.
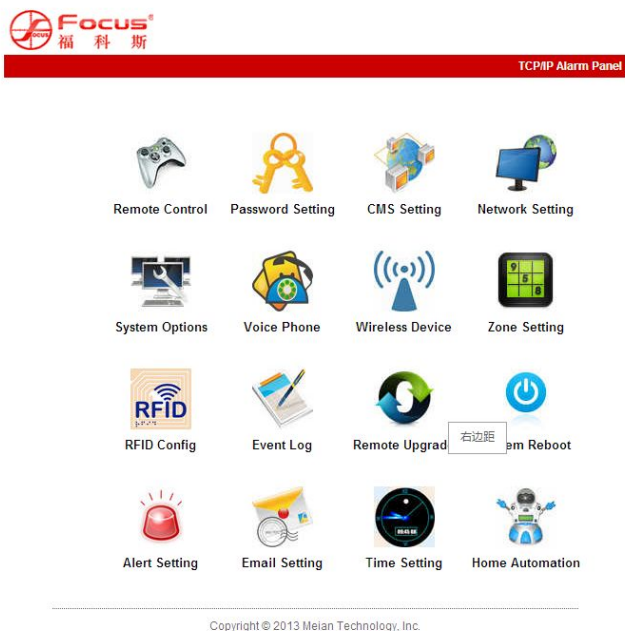
7.1 Remote Control

Remote Control

Press the remote control icon to enter below interface.

System Status: including system arm, system disarm, system stay, cancel alarm.

Zone Bypass: do not let the faulty zone without affecting the normal use of other zones. User can bypass the faulty zone.

Zone: 1-40 for options

Bypass: Enable/Disable for options

After zone bypass enable success. User can check the bypass zones as below photo.

NO.	ZONE/SYSTEM	STATUS
1	12	zone bypass
2	15	zone bypass
3	36	zone bypass

7.2 Password Setting

Password Setting

Enter the password setting, including web admin, web user, panel user password setting.

Focus
福 科 斯

TCP/IP Alarm Panel

Set password

prompt : Change the login username and password ,Only WEB admin and WEB user password can login web pages,User password just can operate from the panel.

Return to main meun

WEB Admin
WEB login username: admin
WEB login password :   ••••••

WEB user
WEB login username: user
WEB login password :   ••••

Panal user
User password No.:
User password:

Save

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7.3 CMS Setting

CMS Setting

CMS SETTING

Return to main menu

CMS Phone

☑ **Enable CMS Phone**

CMS Phone No. 1: [   ]

CMS Phone No. 2: [   ]

User ID No.: [0000]

Dialing times (1-15): [5]

Network CMS

☐ **Enable Network CMS**

Server Address: [0. 0. 0. 0]

Server Port: [7974]

User ID: [   ]

Password: [   ]

Heartbeat times(1-255s): [25]

Save

CMS Phone: It can set 2 CMS phone No. After choosing the enable CMS phone, it will report the alarm info to the CMS alarm center machine.

Network CMS: If choose enable network CMS, it need to build up own server system and Meian software to operate. The software can operate in computer, it can support over 10000 users online. More info please contact Meian sales person.

Note: If user choose the CMS phone and Network CMS both. The alarm info

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will report to the Network CMS instead of CMS phone.

7.4 Network Setting

Network Setting

It can set the alarm control panel's network info as below. Pls refer to the 6.2

Configure Network

prompt :Configure the related netwrok parameters,need to restart the panel.

Return to main meun

Network Configuration

MAC Address:	00:00:53:43:41:35
Panel name:	MEIAN_TCPIP
IP Address:	192.168.1.89
Default gateway:	192.168.1.1
Subnet mask:	255.255.255.0
Preferred DNS:	202.96.128.86
Standby DNS:	8.8.8.8

Save

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7.5 System Options

System Options

It can set entry delay, exit delay, siren time, detector loss, AC off inspection time, communication test, arm/disarm tone and report. Detailed info please refer to manual 6.5.

System Options

prompt: Configure the related panel options, Installer permission setting.
S - Second; M - Minute; H - Hour;
wireless detector loss inspection: At least 4 hours is recommended,0 for disable;
Communication inspection interval time 0 for disable.

Return to main menu

System Options

Entry delay(0-255S):	10
Exit delay(0-255S):	10
Siren time(0-30M):	5
Wireless detector loss(H):	0
AC off inspection time(M):	30
Communication test(H):	0
Arm/disarm tone:	no voice
Arm/disarm report:	Enable
Force arm:	Disable
Door contact inspection:	Disable
Wireless detector tamper:	Enable
Zone alarm times:	no limited

Save

7.6 Voice Phone

Voice Phone

Please refer to the manual 6.4.

Voice Phone

prompt : Config alarm panel voice phone. Enter the voice phone number .

Voice Phone

voice phone 1:	
voice phone 2:	
voice phone 3:	
voice phone 4:	
Redial attempts(1-15):	5

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7.7   Wireless Device   Wireless Device

It can set remote controller, detector, appliance switch.

Wireless Devices

prompt : enroll and delete the devices operation, clear the data refer to delete device.admin authority operation.

Wireless Devices

remote controller No.:	
remote controller ID:	
detector No.:	
detector ID:	
appliance switch No.:	
appliance switch ID:	

Save

7.8 Zone Setting   Zone Setting

It can set up zone attribution and related zone.

Zone attribution configure please refer to manual 6.7

Related Zone please refer to the manual 6.7.1

Note: Key zones only can set from wired zones 33-40.

Zone Attribution

zone No.:	
attributions:	Disable
siren type:	pedal point
zone name:	

Related Zone

related zone group:	
related zone 1:	
related zone 2:	
related time(0-255s):	

7.9 RFID Setting RFID

RFID Config

It can set the RFID's enroll, delete, and functions from 01-16 tags.

1, Disarm

2, Disarm then stay arm

3 Disarm and send SMS

4, Stay arm and send SMS

5, Disarm and call voice phone number 1

Note: If user choose the RFID tag function as disarm and send SMS.

The user can input the message as RFID SMS text box. It can support 60 characters.

RFID Configuration

prompt : RFID parameter , if select RFID sending SMS please enter SMS text in below textbox. Max. 60 characters.

RFID device

RFID tag serial number:	1
RFID tag code:	
RFID tag function:	Disarm and send SMS
RFID SMS text:	Dad, I am at home now!!!

Save

7.10 Event Log

Event Log

It can inquiry the latest 512 event log. If user want to delete the event log, please enter into the 6.8. 5 delete system log.

System Event Log

prompt:The latest 512 Event Logs .

No.	Time	Zone / User	Event log
1	2014-12-05 09:13:37	15	防区旁路
2	2014-12-05 09:13:32	36	防区旁路
3	2014-12-05 09:13:24	12	防区旁路
4	2014-12-05 08:53:40	1	报警取消
5	2014-12-05 08:53:29	0	紧急报警
6	2014-12-05 08:52:53	1	系统撤防
7	2014-12-05 08:52:02	90	系统布防
8	2014-12-05 08:51:50	0	系统编程改动
9	2014-12-05 08:50:30	0	系统编程改动
10	2014-12-05 08:45:46	0	系统编程改动
11	2014-12-05 08:42:06	0	系统编程改动
12	2014-11-28 16:38:59	2	防区旁路恢复
13	2014-11-28 16:38:09	3	防区旁路
14	2014-11-28 16:37:57	2	防区旁路

Return to main menu

7.11 Remote Upgrade

Remote Upgrade

Warning: Error of the upgrade file will bring disastrous consequences to your device, please be careful operation! If there is a upgrade error please contact us. The upgrade file is devided into application and webpage file. An upgraded operation need all or part of the files. Please contact your distributors for further details. If you need to upgrade webpage and application at the same time, please upgrade the webpage in advance.

Admin Authority Operation

Webpage Ver.: V0.01F

Hardware Ver.: V0.01F Aug 23 2013

Software Ver.: V0.22F Sep 12 2014 10:37:08

Remote Ugrade

Warning: Error of the upgrade file will bring disastrous consequences to your device, please be careful operation! If there is a upgrade error _please contact us_. The upgrade file is devided into application and webpage file. An upgraded operation need all or part of the files. Please contact your distributors for further details. If you need to upgrade webpage and application at the same time, please upgrade the webpage in advance.

Admin Authority Operation

Webpage Ver.: V0.01F

Hardware Ver.: V0.01F Aug 23 2013

Software Ver.: V0.22F Sep 12 2014 10:37:08

Webpage

webpage: [　　　　　　　　] [浏览...] [submit]

Application

application: [　　　　　　　　] [浏览...] [submit]

Note: in the process of the upgrading, it will show the percentage of the process. please do not close the web page and power off the computer. After upgrading success, please restart the alarm control panel.

For the upgrade file, please contact us.

7.12 System Reboot

System Reboot

Including system reboot and restore to factory default setting.

System Reboot

prompt: The device need to be restarted when some parameters was changed,the user can click reboot button for remote restarting.
Note: Restore to factory default will cause all configuration parameters restore to factory default,operated by system administrator .

System reboot
Turn off the device to restart: Reboot system

Factory settings
Restore to factory default: Factory settings

7.13 Alert Setting

Alert Setting

Alert Setting

prompt : Set the methods of sending alert and administrator rights.

Alert Setting
System Alert:

Methods of sending: ☐ CMS   ☐ Voice Phone   ☐ SMS   ☐ Email

GPRS Parameter Configuration
GPRS APN :   CMNET
GPRS USER :
GPRS PASSWORD :

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7.14 Email Setting

Email Setting

Email Setting

> **prompt:** The system sends a message to the specified mailbox after the alarm, if you want to send mail to more recipients, please enter multiple e-mail address in the recipient addresses separated by commas.

Email Setting

SMTP Server:	
SMTP port:	25
Email User Name :	
Email Login Password :	
Sender :	
Recipients:	

7.15 Time Setting

1. **Server Time:** China national center for time: 210.72.145.44.

US Standard for tim e.nist. gov.

Time Setting

2. **Timing Arm/Disarm:** Support 4 Groups, please refer to the manual 6.8

Note: The alarm control panel can auto compare the time per 24 hours.

Time Setting

7.16 Home Automation

Home Automation

It can set 16CH appliance switch.

Chapter VIII Mobile APP Management

The alarm control panel support IOS&Andriod mobile remote control.
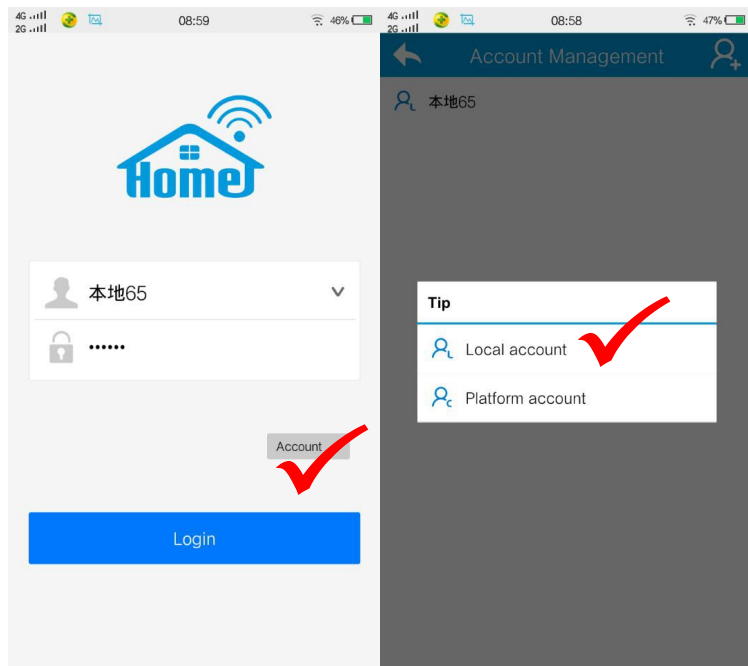
APP NAME: **SMART HOME EX**
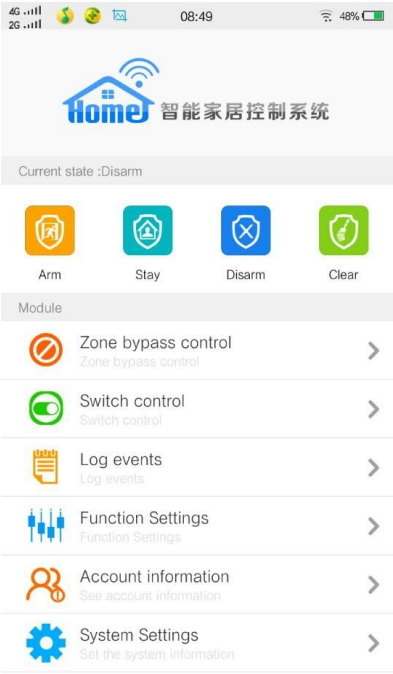
Current state:includes [arm] [stay] [disarm] [clear], remote control the alarm control panel's alarm mode by the TCP/IP network.

Module: includes[zone bypass control] [switch control] [log events] [function settings] [Account information] [system settings]

8.1 Enter Into the App

8.1.1 Local Account

First, create the local account

Name: the name of the alarm control panel.

User name: the admin user name of the alarm control panel.

Password: the alarm control panel's admin password.

IP address: the IP address of the alarm control panel.

Port: 8000 is fixed for the mobile port.

Note:

Before enter into the mobile app. User have to input the IP address and port configuration.

For the local account, it have two ways to connection.

1. Wan -LAN(mobile is 3G/4G network. Alarm control panel is LAN network)

* If need the WAN access to LAN network. Need to make the port mapping from the Router.

WEB IE also similar operations

Example:

*IP address for the alarm control panel is 192.168.1.81

*Router port mapping

Mobile   WAN PORT 8000   LAN PORT 8000

WEB IE   WAN PORT 1027   LAN PORT 1027

* Set network gate way with similar segment to the IP address of the system.192.168.1.1.

*   when you enter into the local account, the IP address should input the dynamic IP address. Not the alarm control panel IP address.

In china, the dynamic IP address is changing every day. Here suggest customer to apply for a domain name and binding the dynamic IP address. Directly input the domain name here can enter into the app.

2. LAN-LAN(mobile and alarm control panel in a one LAN network)

After setting the network IP address, gate, with similar segment and the mobile cellphone with similar LAN network to the alarm control panel.

Directly input the IP address of the alarm control panel to enter the APP.

8.1.2 Platform Account

Need the Meian software to control. Please contact sales person from our Meian company.

8.2 Zone Bypass Control

When one of the zone faulty and can not enforce arm the system. Check the zone bypass list and can bypass the faulty zone.

8.3 Log Events

inquiry the alarm control panel's alarm log events.

Num	Log Event	Zone
1	2015-05-25 09:48:00 Bypass recovery	8
2	2015-05-25 09:47:59 Bypass recovery	1
3	2015-05-25 09:47:13 Bypass Report	8
4	2015-05-25 09:46:50 Bypass Report	1
5	2015-05-25 08:57:09 Bypass recovery	1
6	2015-05-25 08:57:01 Bypass Report	1
7	2015-05-21 09:36:27 Bypass recovery	32
8	2015-05-21 09:36:22 Bypass Report	32
9	2015-05-20 14:53:38 Bypass recovery	13
10	2015-05-20 14:53:29 Bypass Report	13
11	2015-05-20 12:19:15 Disarm report	70
12	2015-05-19 09:07:58 Staying Report	70

8.4 Function Settings.

First enter into the function setting have to set the gesture password.
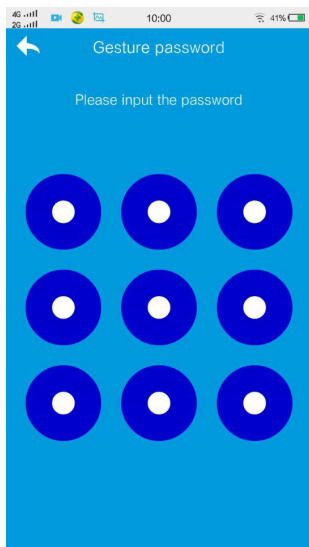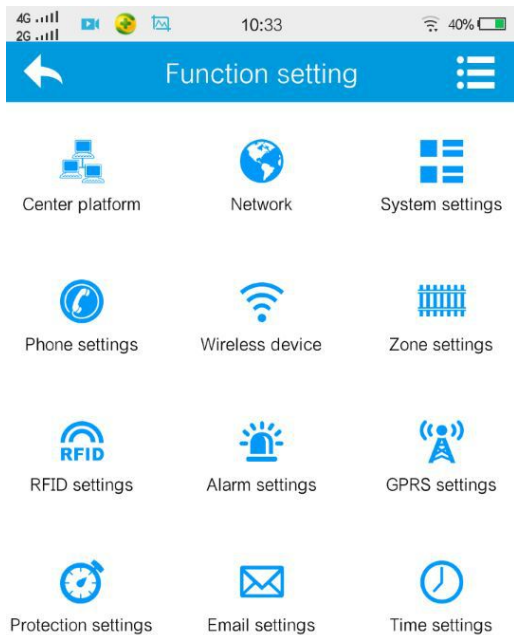
Includes: center platform, network, system setting, phone setting, wireless device, zone setting, RFID settings, alarm settings. GPRS settings, protection settings, email settings, time settings. Function similar to WEB IE and alarm control panel setting.

Chapter VXI Technical Specification

General information

1.Power supply: 15V/2000mA

2.Built in rechargeable battery:11.1V/1000mah

3.System static current: <50mA(exclude wireless detector)

4.System alarming current: <300mA(exclude wireless high siren current)

5.System maximum output current: ≤100mA(supply wireless detector)

6.Frequency:433MHz/868MHz

7.Signal transmit distance: 100 to 150 meters (open area)

8.The method of alarming dial: DTMF GSM or GPRS

9.Communication protocol with CMS: Ademco Contact ID

10.DTMF dial frequency variation:,1.5%

11.Recording time:15s

Physical performance.

Operation temperature range: 0℃-45℃(32F-120F

Storage temperature range: -20℃-60℃(-4F-140F)

Relative humidity: 85% at 30℃(86F)

Color: as box indicated.

Chapter VXII Maintenance

10.1 Regular Test

Design of components of the system is to reduce maintenance cost, but still it is suggested that periodical check may be carried out.

10.2 The Cleanliness of Control Main Machine

Main control panel may be stained by fingers or covered by dust after using for a while. Use soft cotton cloth or sponge to clean it, don't use any lubricant, liquid such as kerosene, acetone and strong gel which will damage appearance and the transparency of top window.

Attention: don't use any lubricant, liquid such as kerosene, acetone and strong gel which will damage appearance and the top transparency of window.

Chapter VXIII Limitation of the Products.

Although the products is a high standard products, there is also some limitation of them such as false alarm or no alarm. The reasons may be below:

Lack of maintenance, the system needs maintenance and test regularly test the sensitive of the detector may decrease and the siren may not whistle.

Lack of power supply if no power input and the back up power is not enough, the panel can not work normally.

Telephone line false, if the telephone line is cut, the panel could not send alarm signals.

Limitation of smoke detectors, if the smoke is far from the smoke detector, the detector could not alarm.

If the intrude break in through some door or window not monitored. Or someone know how to make the system not work.

MEIAN　　**PE**　　**DEMO**