

# WIFI Alarm Control Panel User Manual



## Brief

Thank you for purchasing the “smart home” products of our company, thank you again, we hope our products can bring convenience 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. The use of dual-core CPU makes the product more efficient for operation, energy-efficient and longer life. “Smart home” products connect mobile phone APP and platform through wireless WIFI and adopt wireless alarm way to push the message for the users. It is very safe and easy. Remote control can be achieved at any time to grasp the surrounding environment news. It is the best choice of modern security alarm products for users. 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 multirandom vault technology in safety and reliability, which effectively solves the problem of interference, false positives, false negatives that cannot be solved by similar system at present. “Smart home” system supports international and universal SIA-2013 of Internet GPRS, and Contact ID Protocol of GSM, which 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 for 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.

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## 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 and SMS notification.
2. With a new large-screen,full-touch buttons,LCD graphic display steps,work status,Alarm process 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 page26.
6. Enable enroll total 8 wireless remote,32 wireless intelligent switches,2 wireless two way siren,unlimited for quantities of one way wireless siren,and 16 RFID tags.
7. Alarm panel under idle status is equivalent to a cellphone,you can call through the GSM network for balance inquiries.
8. The associated zone: 8 groups of associated zones, which can effectively reduce false alarm or for other functions.
9. Sleep mode: Under sleep mode,all the lights,backlight,voice and remind tone are disabled.
10. 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.
11. Voice alarm: When panel alarm,it will automatically dial the preset user phone numbers to report alarm information.
12. 64 wireless zones,each wireless zone can automatically learn the codes or be coded manually via the keyboard.
13. 1 CMS platform, support many devices to log in,while network monitoring.
14. Follow me phone#,two for CMS,four for private alarm receiving.
15. Status inspection function: Enable record and inquiry 512 alarm event messages.Like the time when happens anti-tam per alarm,

- detector alarm,tel-line off,arm,disarm,system setting,battery low voltage etc. And also can inquiry the zone number and alarm type.
16. Timing arm and disarm: 4 sets of timing arm and disarm time.
  17. Electrical switches control: User can remote switch on/off via SMS or APP.
  18. Zone programmable: factory preset for each zone type.Users can modify all the zone type according to the actual needs.
  19. Panel has the memory function of time power-off, but must be registered in the GSM network to set the correct time for the panel, can also be manually set by the mobile phone APP.
  20. Password access management: the panel has 1 administrator password and 16 user passwords.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.
  21. For CMS networking alarm,depending on the number of users,the user can set four user codes(account number).
  22. 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.
  23. Alarm mode options: stand-alone for single-family use by the ordinary phone alarm; can also be connected with the CMS.CMS and the ordinary phone alarm automatically with identification and compatibility.
  24. CMS communication test: The panel will send a message to CMS at the preset time interval to inspect the communication if normal.
  25. Siren options: Built-in siren,external wired siren,wireless siren.All sirens can be programmed as enabled/disabled when alarms.

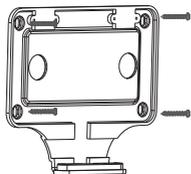
26. The voice speaker volume adjustment: total 8 level, adjust the volume by a panel arrow keys.
27. Wireless repeater function: can extend the distance between the detector and the panel by adding a wireless repeater of our company.
28. The wireless detector low battery prompted: Detectors will send 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 2 Installation

### 2.1 Installation

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

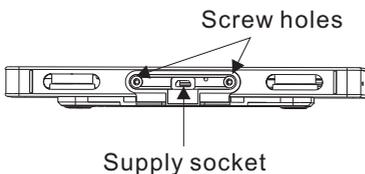
Installation steps:



A. Secure the bracket to the wall with screws.



B. Place the panel on the bracket.



C. Use a screw from bottom to top

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.

### 2.2 Insert phone card

Phone card slot is on the right side of the panel. When inserting a phone card, side of the disk will be inserted into the front of the panel. The phone card supports 2G/3G/4G cards, from China Mobile and China Unicom. Currently it does not support China Telecom.

### 2.3 Install wireless detector

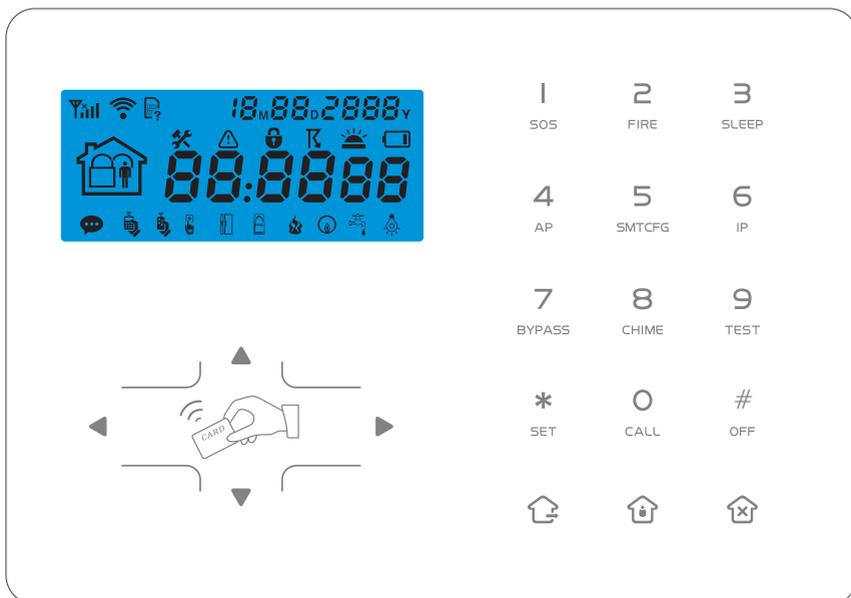
2.3.1 As the detector's manual says, install coded detector in the area

150m from the control panel. Please test and make sure detector can work with control panel normally.

2.3.2 Wireless repeater function: when wireless detector is too far from the panel or some occluders between panel and detector which disable the panel receive the signal from wireless detector. Now you can choose our made wireless repeater to achieve wireless signal relay transmitting.

## Chapter III Key description and Basic operation

### 3.1 Key description



LEFT Volume down  
Right Volume up  
Down Event query

- 1** : Press 3 seconds for SOS.
- 2** : Press 3 seconds to trigger fire alarm.
- 3** : Press 3 seconds to enter or exit sleep mode. In sleep mode, the panel will turn off the prompt tone.
- 4** : Press 3 seconds to enter or exit hotspot mode used for PC or mobile phone to connect and configure the panel.
- 5** : Press 3 seconds to enter WIFI smart configuration mode to add WIFI Network to the panel; this function does not guarantee that all routers support.
- 6** : Press 3 seconds to check the panel IP address, in smart WIFI mode, and connect to the network, you can examine the panel IP address for mobile phone connections or computer web access.
- 7** : Press 3 seconds to bypass zones or activate bypass zones.
- 8** : Press 3 seconds to enable or disable the promoting function of opening the door.
- 9** : Press 3 seconds to proceed system test.
- \*** : Press 3 seconds to enter system settings.
- 0** : Press 3 seconds to make a call.
- #** : Off button, you can turn off the battery of the panel when AC off.

Wifi connection: The mobile phone APP makes the panel connect with wifi.  
Sleep mode: When entering the sleep mode, the panel will close the prompt tone and enter the setup status, or alarm will automatically exit sleep mode.  
Bypass zone: Bypass zones mean 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

Keyboard can configure most of the features of the panel, but can not directly add the Wifi hotspot that panel need to add. Long press[\*], then enter the system password [012345], follow the relevant system settings, according to the voice prompt. Factory default administrator password is 012345, totally 16 User passwords, NO.01 factory default User password is 1234. No.02-16 of the user password is blank and can not enter the user setting until user set the password.

Disarm: User password[1234]+DISARM

Home arm: Home arm key

Arm: Arm key

Event log: inquiry key

Enter system setting: \* press and hold for more than 3 seconds+ administrator password[012345]+ #

Enter user setting: \* press and hold for more than 3 seconds+ user NO.(01)+user password(1234)+ #

## 3.3 LCD Icon

Icon	Meaning	Icon	Meaning
	GSM signal		GSM enabled
	Wifi signal		Home Arm
	Detector low battery		Disarm
	PANEL low battery		Arm
	Alarm		CMS
	Settings		Remote control
	Bypass		Emergency help
	Message		Door magnet control
	Mobile phone control		Detector
	Fire alarm		Flooding
	Gas leakage		Light control

Flashes when CMS connects unsuccessfully, light on when CMS connection is normal, and does not display when disabled.

**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.

When you enter the numbers, the upper right corner of the display will prompt you the digits of enter, as shown in the figure:



### 3.4 System Arm and Disarm

#### ☆ ARM



Press the arm key on remote or the keypad, then you hear "system arm, please exit the armed area" there will be "Di-Di" sound to confirm the system is armed successfully.

#### ☆ DISARM



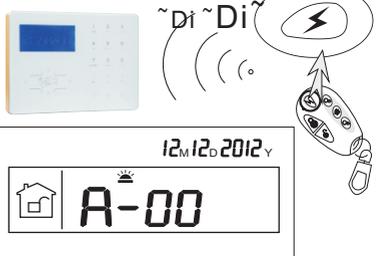
Press the disarm key on the remote or enter your user password on the keypad, then you will hear "Di-Di" and voice "system disarm", then you have disarm successfully.

#### ☆ Home Arm



Press the key for home arm on the remote or "HOME" key on the keypad, then you will hear "operation successfully, system home arm" And it display home arm icon on the LCD screen.

#### ☆ SOS



Press the panic button on remote, or press **1** key on panel for 3 seconds, it will trigger to alarm.

Different way to arm/disarm, different way has different codes:

65-72 : The alarm system can work with 8 remote controllers. If you use the remote controller to arm/disarm the system, you will get the code from 65-72.

01-16: If you use the user password to arm/disarm the system, code from 01-16. The alarm system can set 16 user passwords.

80-83: If user arm/disarm the panel by the voice phone, code from 80-83.

90: If user arm/disarm the panel through the CMS software platform, code only have 90.

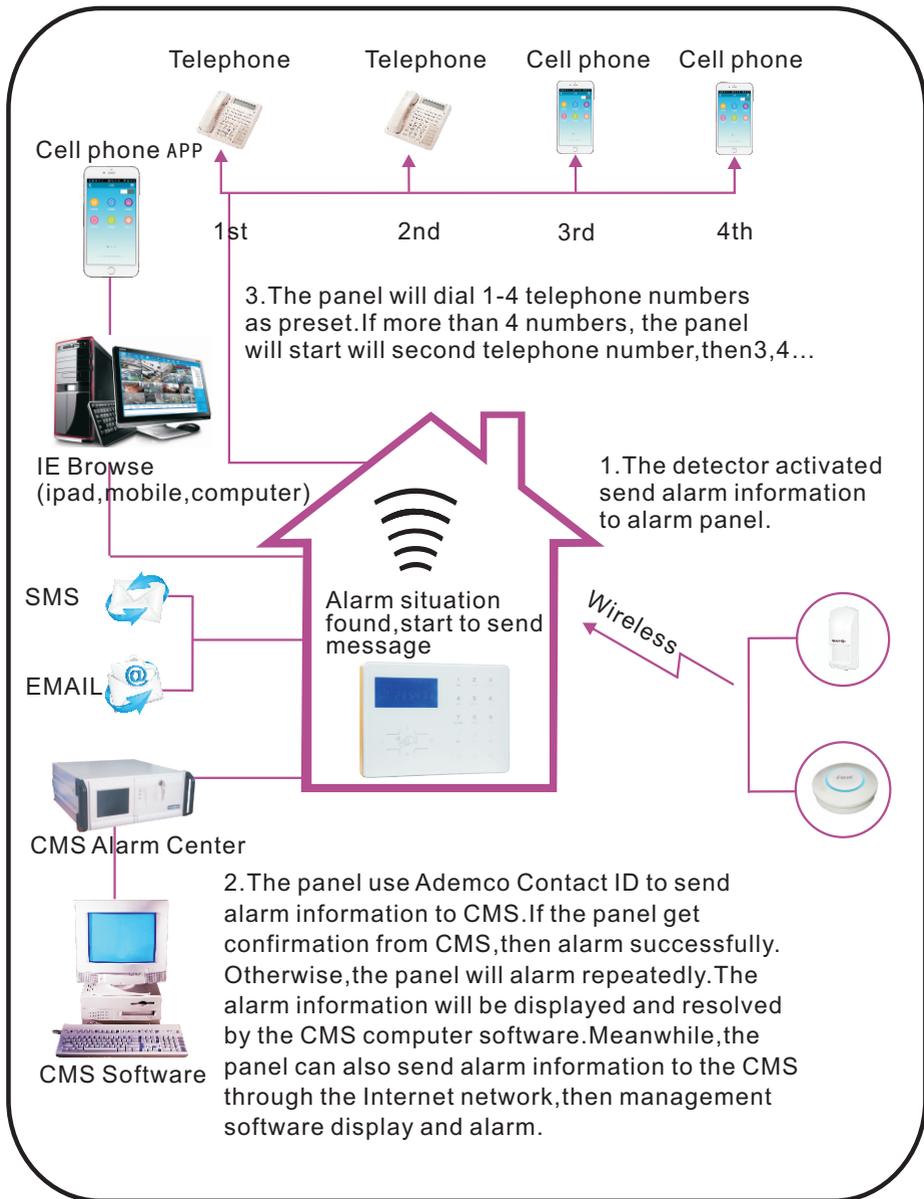
96: Timing arm/disarm or key zone, code only 96.

40-55: Using the RFID tag to arm/disarm, code from 40-55.

97: Using web IP address to program, code only have 97.

99: Unknown control to arm/disarm show 99.

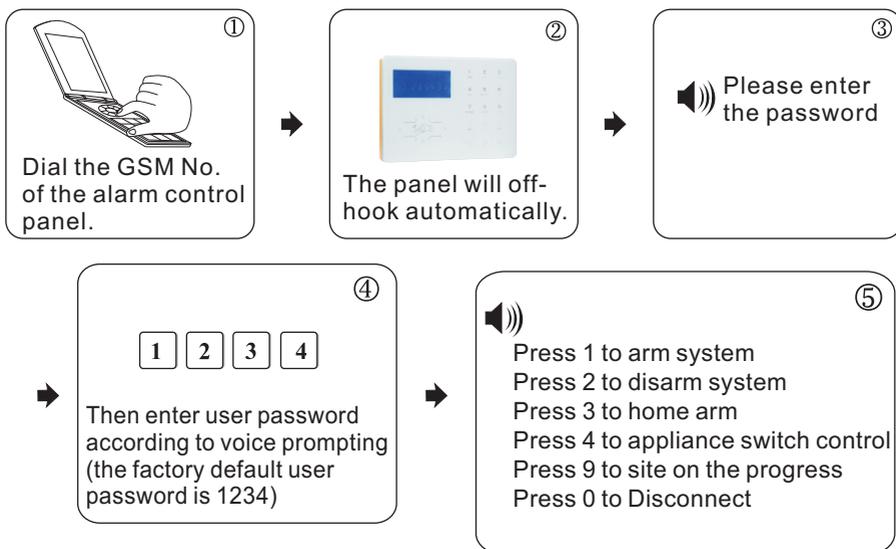
### 3.5 Alarm procedure



## Chapter IV Voice alarm receiving and GSM control

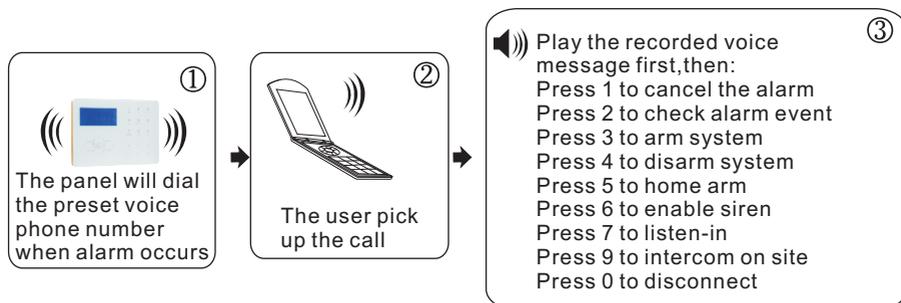
### 4.1 Remote phone control

User makes phone call to the GSM No. of the alarm control panel. Directly connect to the alarm control panel. Then enter the 4 digit user password according to voice prompting and user can remote control the panel.



### 4.2 Alarm receiving phone operation

When alarm, the panel will dial the preset 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.



## 4.3 GSM remote operation

When alarm occurs,GSM will call the preset voice number,when pick up the call,enter 4 digit user password,the voice prompt: Press 1 to arm system, Press 2 to disarm system,Press 3 to home arm, Press 4 to check system status,Press 5 to appliance switch control,Press 9 to intercom on site,Press 0 to disconnect.

## 4.4 GSM alarm receiving

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 home arm, Press 6 to enable siren,Press 7 to listen-in,Press 9 to intercom on site, Press 0 to disconnect.

## 4.5 GSM control via SMS

Operation Command	Enter Messages
Arm Command	#PWD1234#ARM
Disarm Command	#PWD1234#DISARM
Home Arm Command	#PWD1234#HOME
Status Checking Command	#PWD1234#CHECK
Enable appliance switch command	#PWD1234# SWITCH CLOSE01
Disable appliance switch command	#PWD1234#SWITCH OPEN01
(XX=01-16 on behalf of appliance switch number)	

### Note:

- 1.The factory default user password is 1234 , when arm successfully,SMS automatically reply"arm successful",if the password is correct,the command is not correct,SMS will reply"operation failure",if the password is not correct, not SMS reply.
- 2."For Enable/disable the appliance switch , #PWD1234#SWITCH OPEN/CLOSE XX(01-16)  
XX is for electric switch serial number from 01-16,there is space between" OPEN/CLOSE" and "XX".
- 3.Enter "#" in English must be English format.

## Chapter V System Settings

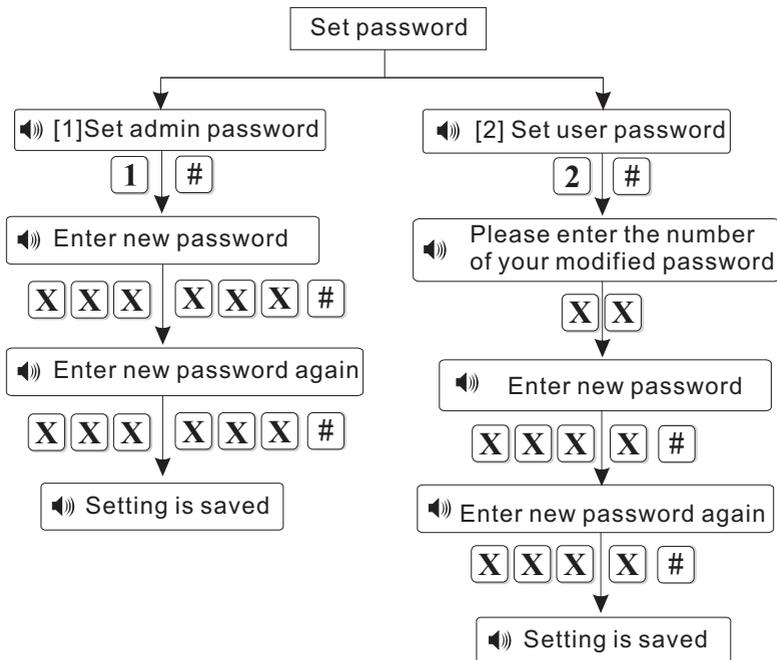
Press [\*] for 3 seconds

\* + 0 1 2 3 4 5 + #

- 1 Set password
- 2 Set CMS
- 3 Set voice phone
- 4 Set system options
- 5 Set wireless devices
- 6 Set zone
- 7 System maintenance
- 8 Set advanced options

### 5.1 Set password

\* + 0 1 2 3 4 5 + # + 1 # then operate according to the voice prompt as below.



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 not enter user setting.

## 5.1.1 Set admin password. For example: Set admin password as 45678

Press [\*] for 3 seconds

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

Enter new password + 4 5 6 7 8 + # → Enter new password again

+ 4 5 6 7 8 + # → Setting is saved

## 5.1.2 Set user password. For example: Set No.16 user password as 0001

Press [\*] for 3 seconds

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

Please enter the number of your modified password + 1 6 + # → Enter new password + 0 0 0 1

+ # → Enter new password again + 0 0 0 1 + # → Setting is saved

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

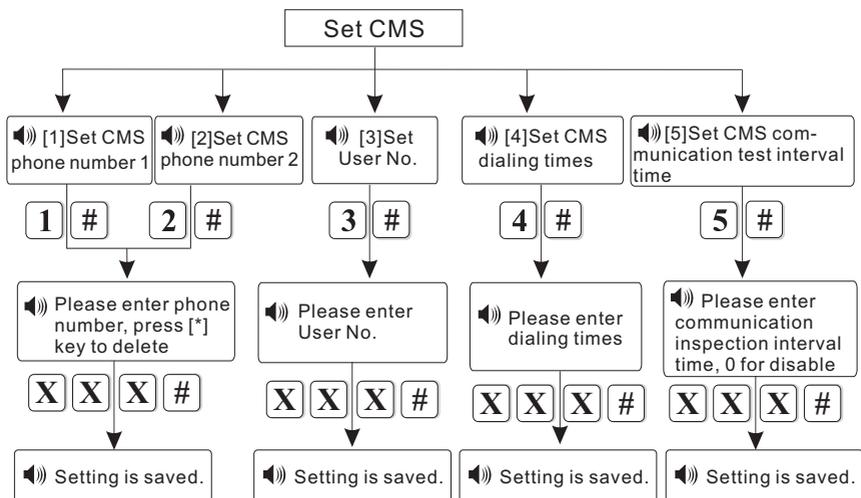
Note:

1. Above base on the correct operation, if incorrect operation, please press back key to return previous menu to reset.
2. The factory default of admin password is 012345, user password is 1234, if you have changed the password, please refer to new password.

## 5.2 Set CMS

Press [\*] for 3 seconds

\* + 0 1 2 3 4 5 + # + 2 # then operate according to the voice prompt as below.

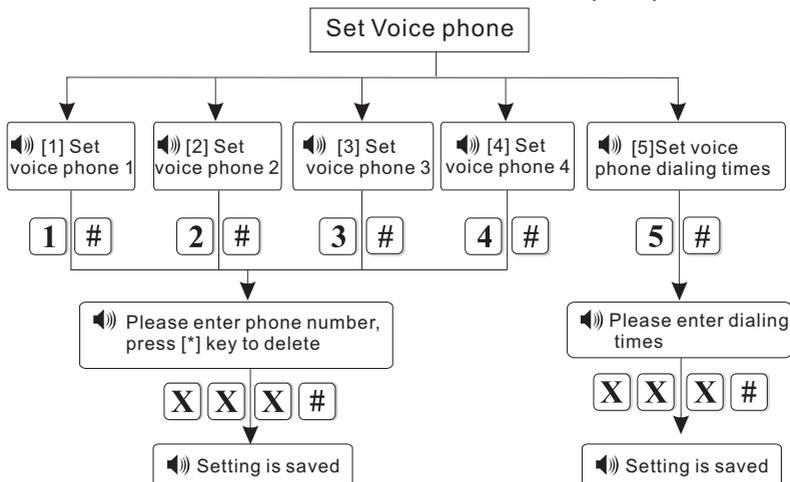


Note: The user code is the identification code in CMS setting, CMS 1 and CMS 2 use the same user code, dialing times can be set as 1-15, communication inspection interval time can be set as 0-999 hours, the common setting is 24 hours.

## 5.3 Set voice phone

Press [\*] for 3 seconds

**\* + 0 1 2 3 4 5 + # + 3 #** then operate according to the voice prompt as below.



Note: Dialing times can be set as 0-7, max. 17 digit for voice phone number  
 For example: Set voice phone No.3 as 12345678

Press [\*] for 3 seconds

\* → Please enter password + 0 1 2 3 4 5 + # + 3 #

+ 3 # → Please enter phone number , press [\*] key to delete + 1 2 3 4 5 6 7 8 + #

## 5.4 Set system options

Press [\*] for 3 seconds

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

- 1 Set system clock
- 2 Set entry delay
- 3 Set exit delay
- 4 Set detector loss inspection
- 5 Set arm/disarm tone
- 6 Set AC off delay
- 7 Set force arm
- 8 Set magnetic contact inspection
- 9 Set emergency alarm siren type

### 5.4.1 Set system clock

For example: Set system clock time to 22:59:36 22/12/2012

Press [\*] for 3 seconds

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

1 # → Please enter system time + 1 2 + 1 2 + 2 2

+ 2 2 + 5 9 + 3 6 + # → Setting is saved

According to flash of Y.M.D.H.Min.Sec on screen, enter 12.12.22.22.59.36 by turn, also can press [UP][DOWN] key to move cursor.

## 5.4.2 Set entry delay

When trigger alarm, the panel will give delay alarm time(default setting is 30s)

For example: Set entry delay to 20 seconds.

Press [\*] for 3 seconds

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

→ Please enter entry delay time + 0 2 0 + # → Setting is saved

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

Note: Entry delay is just effective for delay zone, other zone types can not enter delay.

## 5.4.3 Set exit delay

After user armed the system, it is convenient for user to exit the area after arm successfully( the default setting is 30 seconds)

For example: Set exit delay time is 20s

Press [\*] for 3 seconds

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

→ Please enter exit delay time + 0 2 0 + # → Setting is saved

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

## 5.4.4 Set detector loss inspection

The alarm panel will inspect the detectors' status or alarm info in this time interval, if not receive, it is determined that the detector is loss, the general setting is not less than 6 hours( the default setting is 0, disable this function)

For example: Set detector loss inspection time is 8 hours

Press [\*] for 3 seconds

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

4 # → Please enter detector loss inspection time, 00 for disable + 0 8 + # → Setting is saved

## 5.4.5 Set arm/disarm tone

When user arm/disarm the system through remote control, if siren will sound or not for prompting( the default setting is disabled)

For example: Set siren with short sound when arm/disarm through remote controller

Press [\*] for 3 seconds

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

5 # → Please choose  
1. Disable  
2. Short sound + 2 + # → Setting is saved

## 5.4.6 Set AC off delay

When AC power is off, delay to report to CMS( can set as 0-99 minutes, the default setting is 30 minutes)

For example: Set AC off delay time as 10

Press [\*] for 3 seconds

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

6 # → Please enter delay time, 00 for disable + 0 1 0 + # → Setting is saved

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

Note: If AC power recovery in delay time, it will not send the report.

## 5.4.7 Set force arm

If enable set force arm, when there is zone trouble, the system can be armed and report the trouble zone's bypass message to CMS, if disable the force arm, the system can not be armed( the default setting is disabled)

For example: Enable force arm

Press [\*] for 3 seconds

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

7 # → Please choose  
1. Disable 2. Enable + 2 + # → Setting is saved

**5.4.8 Magnetic contact inspection:** Set if the alarm panel show zone trouble on LCD screen or not when separate the magnetic strip from transmitter ( factory default: disable)

For example: Set enable/disable magnetic contact inspection

Press[\*] for 3 seconds

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

8 # → Please choose: 1.disable  
2.enable magnetic contact inspection + 1 + # → Setting is saved

**5.4.9 Set emergency alarm siren type(default: mute)**

For example: Set emergency alarm siren type to pedal point

Press[\*] for 3 seconds

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

9 # → Please choose:  
1.Mute  
2.pedal point + 2 + # → Setting is saved

## 5.5 Manage wireless device

Press[\*] for 3 seconds

\* + 0 1 2 3 4 5 + # + 5 # →

- 1 Enroll wireless device
- 2 Delete wireless device
- 3 Enroll RFID
- 4 Delete RFID

### 5.5.1 Enroll wireless device

Press[\*] for 3 seconds

\* + 0 1 2 3 4 5 + # + 5 # + 1 # →

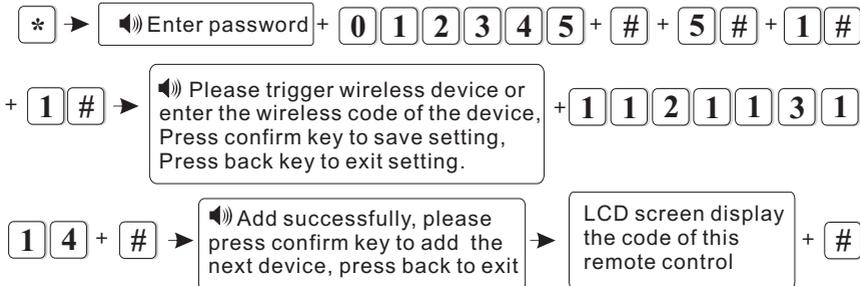
- 1 Enroll remote controller
- 2 Enroll wireless detector
- 3 Enroll wireless siren

## 5.5.1.1 Enroll wireless remote control

1. Enter remote control code:

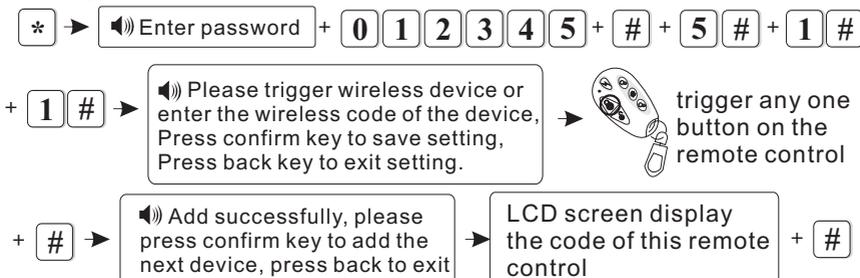
Example: add a remote control with wireless code 11211314

Press [\*] for 3 seconds



## 2. Enroll wireless remote control

Press [\*] for 3 seconds

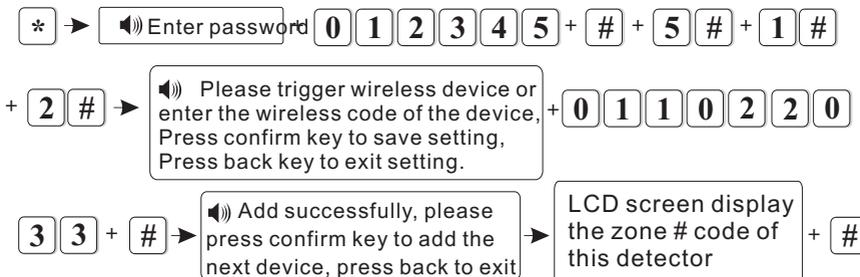


## 5.5.1.2 Enroll wireless detector

1. Enter wireless detector code:

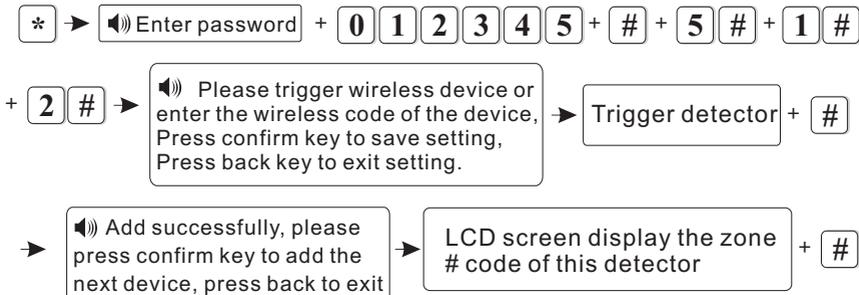
Example: add a detector with wireless code 011022033

Press [\*] for 3 seconds



## 2. Enroll wireless detector

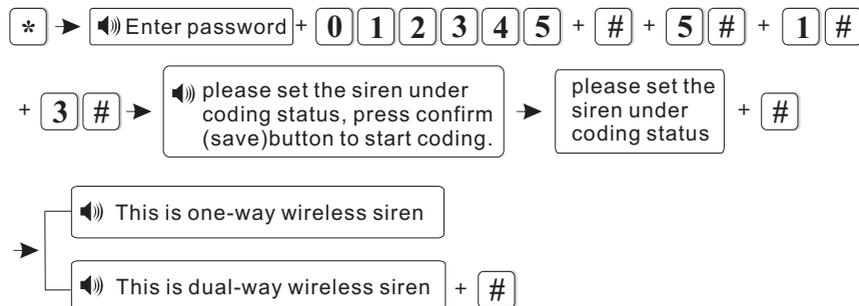
Press [\*] for 3 seconds



### 5.5.1.3 Enroll wireless siren

Example : add the number 2 siren

Press [\*] for 3 seconds

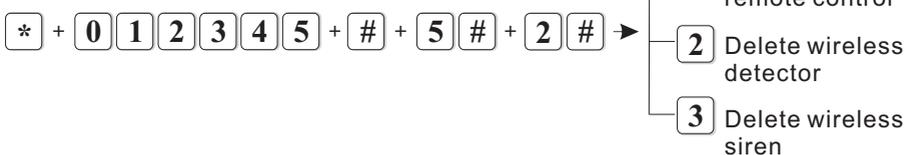


Note:

The alarm panel will display zone 41 when siren tamper alarm triggered. One alarm panel accept two dual-way siren only. No limited on one-way siren. Pls code the dual-way at last.

### 5.5.2 Delete wireless device

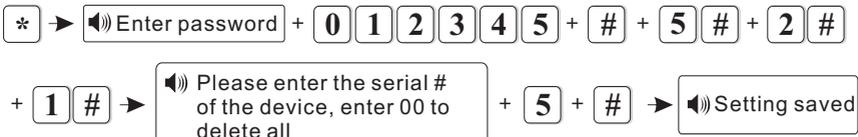
Press [\*] for 3 seconds



## 5.5.2.1 Delete wireless remote control

Example : delete the # 5 remote control

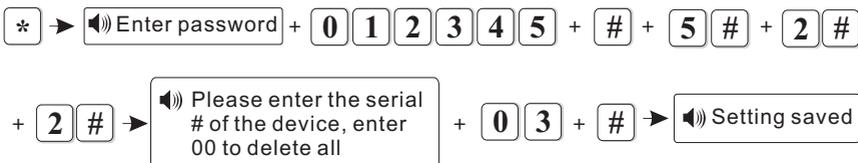
Press [\*] for 3 seconds



## 5.5.2.2 Delete wireless detector

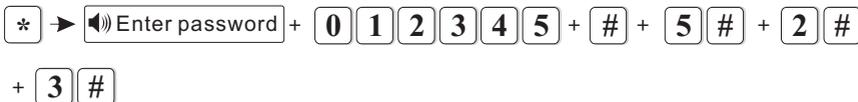
Example : delete # 3 detector

Press [\*] for 3 seconds



## 5.5.2.3 Delete wireless siren

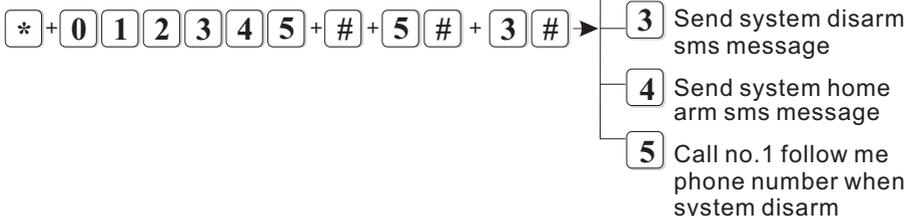
Press [\*] for 3 seconds



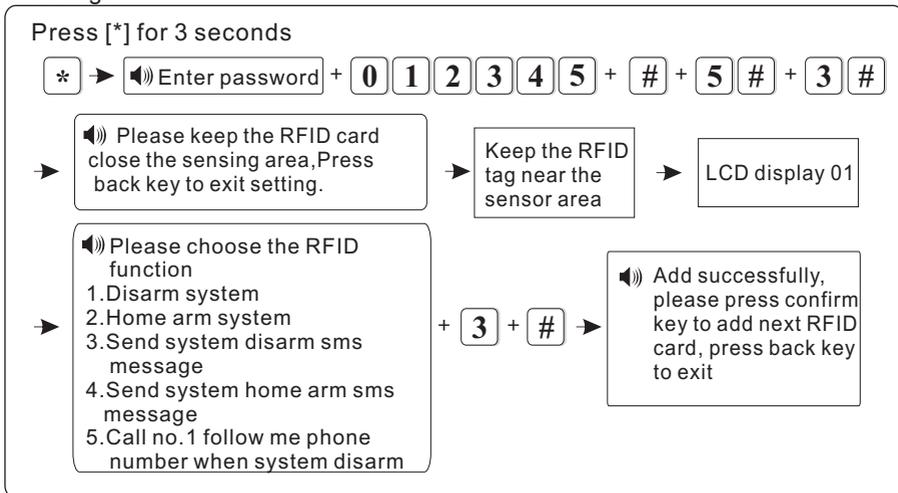
Note: here is to delete wireless dual-way siren

## 5.5.3 Enroll RFID

Press [\*] for 3 seconds



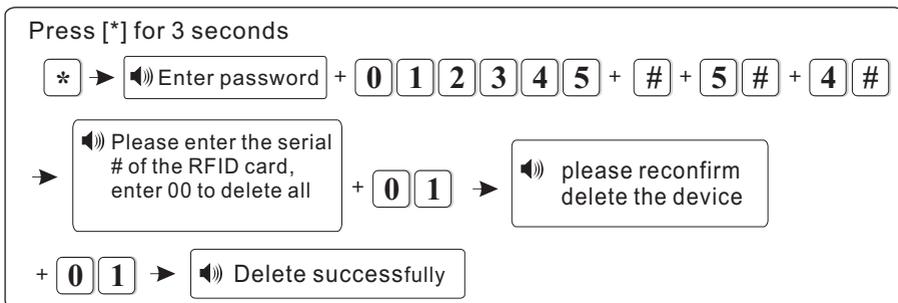
Example , Auto code a RFID card to # 1 user, and set it Send system disarm sms message



Note: support to add max 16 RFID card. Please pre-set the sms message content on smart phone APP for the different operation on RFID card

## 5.5.4 Delete RFID

Example: Delete the # 1 RFID CARD



## 5.6 Set zone

Press [\*] for 3 seconds



## 5.6.1 Set zone attribution

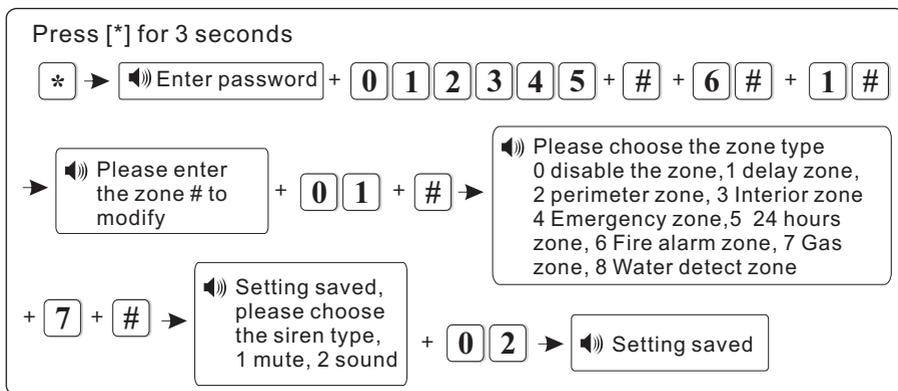
Below is the option for zone type

0>Disable the zone    1>Delay zone    2>Perimeter zone    3>Interior zone  
 4>Emergency zone    5>24 hours zone    6>Fire alarm zone    7>Gas zone  
 8>Water detect 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.
4. emergency zone, 24 hours zone, fire zone will trigger alarm when system at any status.

WiFi alarm panel support 64 wireless zones

Example: set 01 zone as gas zone, siren type is sound

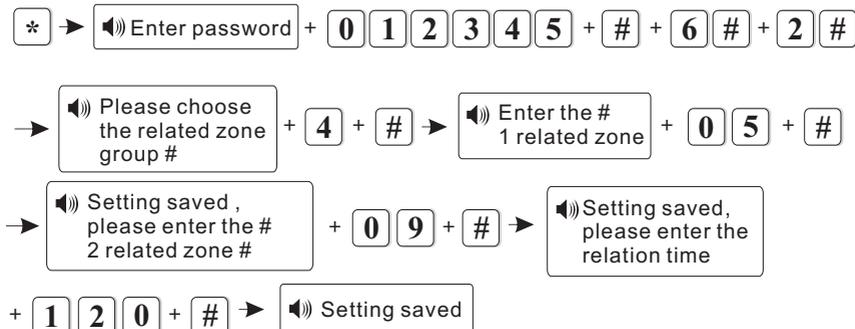


During auto coding, the alarm panel will auto-save zone type and zone # according to the type of wireless device. Re-coding device will be saved to the same zone #. User also can re-set the zone type and zone #. You can check the zone # of the already added item by re-code operation.

## 5.6.2 Set related zone: zone1+zone2+relation time

Example, relate zone 5 and zone 9 as group 4 related zones, related time is 120secs

Press [\*] for 3 seconds



NOTE: total 8 group related zones can be set

## 5.7 System maintenance

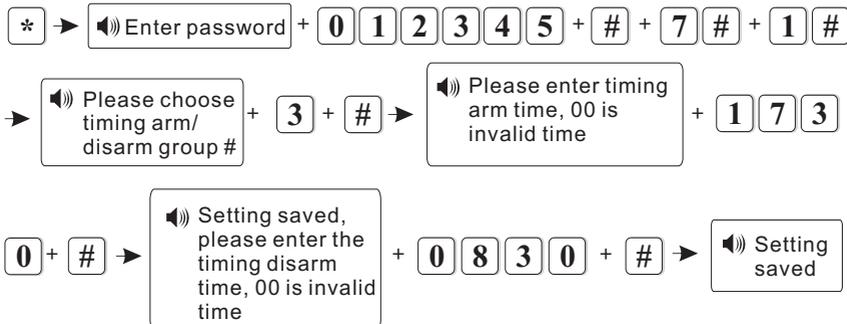
Press [\*] for 3 seconds



### 5.7.1 Set timing arm/disarm

Example, set group 3 timing arm/disarm time as: 8:30 disarm, 17:30 arm

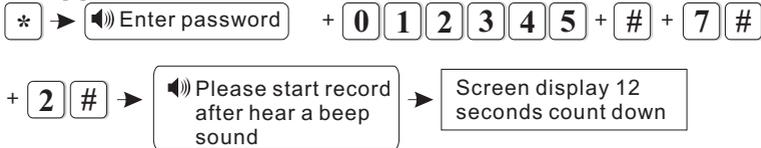
Press [\*] for 3 seconds



NOTE: max 4 group timing arm/disarm can be set

## 5.7.2 Recording

Press [\*] for 3 seconds



Note: You will hear this recorded message as soon as you take the alarm phone call

## 5.7.3 Play recording

Press [\*] for 3 seconds



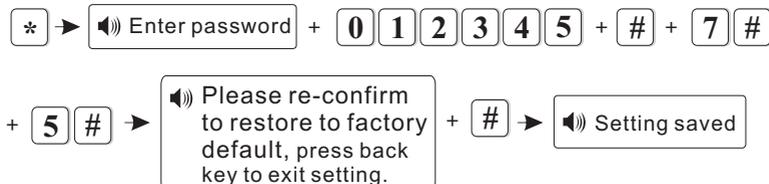
## 5.7.4 Delete system events

Press [\*] for 3 seconds



## 5.7.5 Restore to factory default

Press [\*] for 3 seconds



Note: This operation will clear all setting. To make system work ,Please add the sensor, remote etc again, and also do other settings again too.

## 5.8 Advanced setting options

No voice prompting for advance settings, please refer to below settings.

01--SMS Language settings		59--Tamper	7
02--Voice Volume		60--Arm	13
03--Siren Time		61--Disarm	13
10--Network CMS IP		62--Home Stay	13
11--Network CMS Port		63--System Low Battery	13
13--Network CMS User ID/Password		64--System AC Loss	13
20--Remote Server IP		65--System AC Recovery	13
21--Remote Server Port		66--Clear Alarm	13
22--Remote Server User ID/Password		67--Detector Low Battery	13
40--CID CMS SPK 60		68--Detector Battery	
41--CID CMS MIC 04		Recovery	13
50--Delay	7	69--Wireless Detector Loss	13
51--Perimeter	7	70--System Programming	
52--Interior	7	Changed	13
53--Emergency	7	71--System Arm Failed	13
54--24 H	7	72--Communication Testing	13
55--Fire	7	73--Zone Bypass	13
56--Gas	7	74--System Battery Recovery	13
57--Water Leak	7	75--System Communication	
58--SOS	7	Faulty	13
		76--Zone Bypass Recovery	13
		77--System Communication	
		Recovery	13
		78--Zone Loop Faulty	0
		79--Zone Loop Recovery	0

### 1.Options:

01--SMS Language settings(0. Chinese, 1 English) 02--Voice Volume (0-7)  
 03--Siren time(0-30min) 40--CID CMS SPK(01-99) 41--CID CMS MIC(01-07)

2.Address 50-79 are alarm event type, the number behind them is factory default option

### 3.The 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

## Chapter VI APP Setting

### 6.1 Install APP

Please scan QR code to install

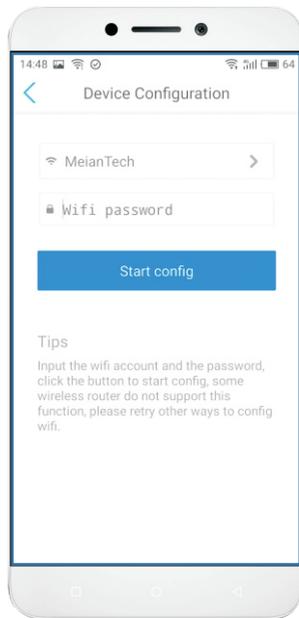
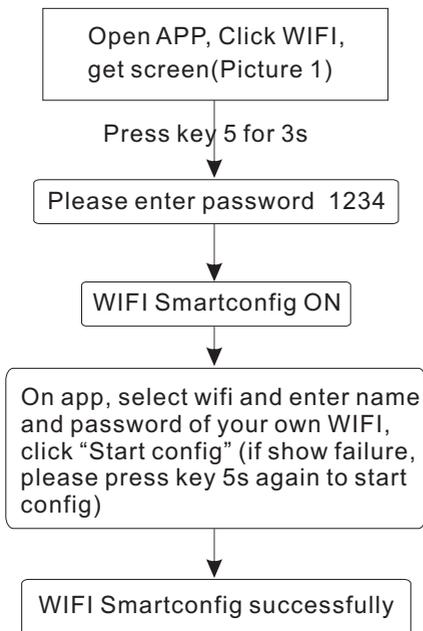


### 6.2 Set WIFI

Connect the panel to wifi from APP.

Method 1: at first, connect the phone to your own WIFI

Use key 5 on the panel, and follow below steps.



Picture 1

Method 2: Use key 4 on the panel, to open WIFI hotspot, and then use phone to connect WIFI hotspot. At last, set the wifi on APP.

Press key 4 for 3s

4--please enter password---1234--WIFI Smartconfig ON

A.Phone search hotspot “WIFI\_PANEL”and enter password “wf012345”

B.Open APP, select account to create a new account and save.(Please refer to 6.3 about how to create a new account)

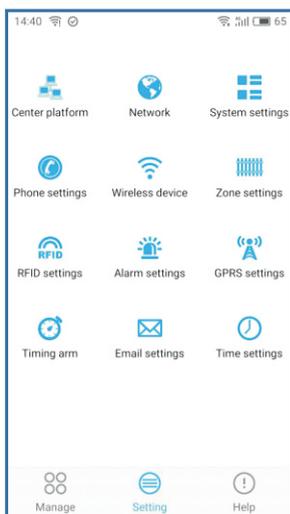
C.Enter interface(Picture 2 ), user can do all settings, eg. Learn sensors into the panel, set zone type. After these all finished, click “Network<Wifi Settings”

D. Picture ,enter Wifi name of router and password, click save

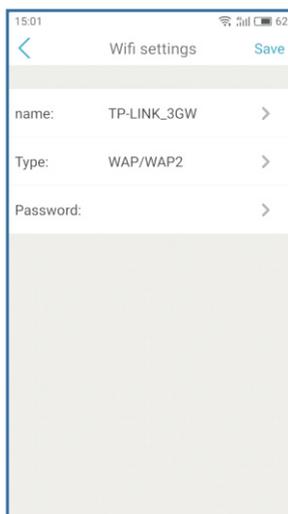
E. Picture will pop up, advising to restart, click “Yes”

F.After restart the host, icon of WIFI will show in up left of LCD display.

It means success.



Picture 2



Picture 3

## 6.3 Log in APP

### 6.3.1 Create Local IP account

A.Open APP<Account<Add, get picture 4

B.Enter factory default setting

Name: (user can edit)

Username: admin

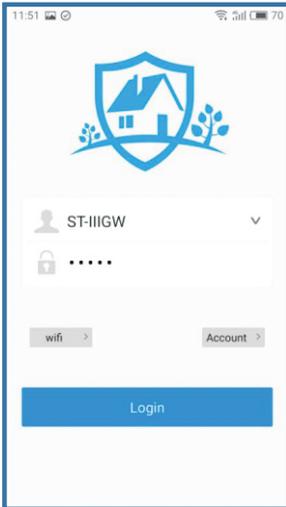
Password: 12345

IP address: 192.168.1.1

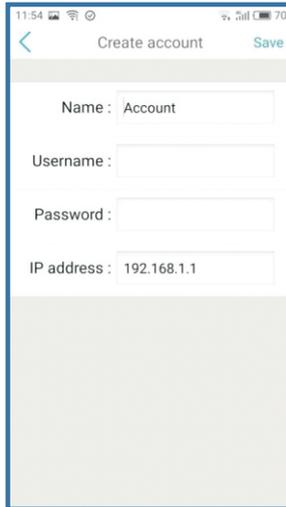
C. Click save

Remark: IP address can be modified on web IE(please refer to

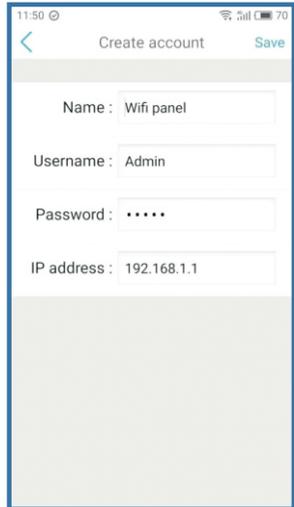
## 7.3.1 Set IP)



Picture 4



Picture 5



Picture 6

## 6.3.2 Other ways to create account

User can buy network CMS ID or P2P ID from supplier, which can realize remote control via APP in wan network.

a. Network CMS ID setting

Click "Setting<Center Platform<Network Alarm"

The IP address is provided by the supplier, port is 7974, the user ID and password can be edit by user. (Picture 5)

b. P2P ID setting

Click "Setting<Center Platform<Network Relay Platform"

IP: (supplier provide)

Port: 18034(factory default)

ID:987BF3978661(factory default)

Password:012345

After settings, click create an account. (Picture 6)

All accounts can be log in in the log screen. Local IP account can only work in WIFI Lan network, it can support one phone only. If need to work on more than one phone, please use P2P ID account. More details, please contact the seller.

Remark:

1. Device IP address: DHCP function is open in factory default. The IP is dynamic, if APP fails to connect network with local IP account, please check if the IP is changed. If use P2P ID account to log in APP, it will work both in wan and lan network.
2. After configuration, please restart the alarm host in order to make them valid.

## Chapter VII Set Web IE Interface

1. Long press key 6 for 3s, and later press down key ▼ to get 12 digits IP.
2. Enter the IP into web IE, the factory default ID: admin, password: 12345, enter IE interface.

### 7.1 Host status

In web IE interface, click “Host Status”, user can check information about Device mode, hardware and software version, WIFI mode, MAC address, System Power, CMS platform, GSM network and WIFI network. Click System reboots, the device would be restarted.

Host Status		-- Display Host Status info --
<b>Device Info</b>		
Device Mode :	ST6_WF	
Hardware Version :	VO.3_20160622	
Software Version:	VO.4_20160705_meianTCP	
<b>Network Status</b>		
WIFI Mode:	Station	
MAC Address:	98:7B:F3:97:86:4F	
<b>Host Status</b>		
System Power:	Power supplied by AC	
CMS Platfrom:	Not connected to CMS	
GSM Network:	Gsm not ready	
WIFI Network:	WIFI connect to AP	
<b>System Reboots</b>		
<input type="button" value="System Reboots"/> <span style="color: red; font-size: small;">Some System parameters changed, to be in effect after the system reboots.</span>		

## 7.2 WIFI hotspot

Click WIFI hotspot to get the screen below.

### 7.2.1 Add hotspot: 7 accounts(max)

Connect priority can set the order of WIFI working, there are seven levels 0~7, 0 is the first priority. When the first account can not work, it will connect to the second automatically.

WIFI Hotspot
--- Add Delete WIFI Hotspot ---

**Add WIFI Hotspot**

Hotspot Name:

Security Type:  Open  WEP  WPA1  WPA2

Hotspot Password:

Connect Priority:  Enter Value 0-7 (0=Highest Priority)

Add New Hotspot, To be in effect after the system reboots.

**Delete WIFI Hotspot**

<input type="checkbox"/>	1. TP-LINK_3GW	Security Type: <b>WPA</b>	Priority :0
<input type="checkbox"/>	2.-	Security Type: -	Priority :-
<input type="checkbox"/>	3.-	Security Type: -	Priority :-
<input type="checkbox"/>	4.-	Security Type: -	Priority :-
<input type="checkbox"/>	5.-	Security Type: -	Priority :-
<input type="checkbox"/>	6.-	Security Type: -	Priority :-
<input type="checkbox"/>	7.-	Security Type: -	Priority :-

Delete Hotspot, To be in effect after the system reboots.

7.2.2 Delete WIFI hotspot: Select the WIFI need to delete and click button "Delete Hotspot"

## 7.3 Log Connection in Web IE.

Click "Log Connection" to enter user log settings.

Login connection
--- Set WEB Login and hotspot connection ---

**WEB login configuration**

WEB login username:  WEB and Mobile App local login by this username.

WEB Password:  WEB and Mobile App local login by this password.

To be in effect after the system reboots.

**Host WIFI Hotspot configuration**

Hotspot Name:  Host AP mode hotspot name

Security Type:  Open  WEP  WPA

Hotspot Password:  Password to connect to Host hotspot

To be in effect after the system reboots.

User can modify the user name ,user password, hotspot and hotspot password under this setting, Click save, it will be take effect after restarting.

## 7.4 IP configuration

Click up [IP configuration] enter into IP configuration.

7.4.1 Site Mode IP configuration: enable DHCP client to obtain the IP address automatically. Enter manually to disable it.

Example:

IP address:192.168.3.31

Subnet Mask:255.255.255.0

Default Gateway:192.168.3.1

DNS Server:192.168.3.30

Click up [Setting Save] to take effect after saving.

Please set the parameters of network according to the practical network environment by users through actual use, the network IP address can not be repeated.

IP configuration
--- IP of Configuring Host under WIFI Sites and Hotspot Mode ---

**Site mode IP configuration**

**DHCP Server:**  Disable  Enable  
After enable the DHCP Client the host IP Address will get from router automatically

**IP address:**

**Subnet Mask:**

**Default Gateway:**

**DNS Server:**

To be in effect after the system reboots.

---

**Hotspot mode IP Configuration**

**IP Address:**

**DHCP Server**

**Start IP Address<sup>o</sup>:**

**End IP Address<sup>o</sup>:**

To be in effect after the system reboots.

### 7.4.2 Hotspot mode IP configuration

IP address: Wifi Address default as 192.168.1.1

DHCP Server Setting

Initial IP address: 192.168.1.2

Terminal IP address: 192.168.1.254

Click [ Setting Save] Save

## 7.5 Set Host CMS

Click [Host Setting] Enter into Host Configuration.

### 7.5.1 Set Network CMS Platform

The server IP address offered by the Security Service Operator. Port is 7974. Please contact the Operator for the User Name and Password.

### 7.5.2 Set mobile control platform

Server IP: Offered by the Operator

Port: Default is 18034

ID: Host produce the ID automatically Example: 987BF3978661

Password: 012345

Click saved.

### 7.5.3 Set Telephone Alarm Receiving Center

2 telephone No. Can be set. it can input 17 bits at most. The host will reports the alarm parameters to the voice phone alarm receiving center if it is be triggered.

Host Setting
---Set Host CMS platform---

**Network CMS platform settings**

**Server IP Address:**  Platform Address can be IP or Domain name.

**Server Port:**

**Server Account:**

**Server Password:**

**Mobile APP Setting**

**Server Address:**

**Server Port:**

**Login Account:**

**Login Password:**

**Phone CMS Setting**

**Phone Number 1:**

**Phone Number 2:**

**User Account :**

**Dial Times:**  Dial Tiems 1-15,default is 5 tiems.

## 7.5.4 Set personal voice phone

It refers to that the host will dial the users personal voice phone No. When triggered. 4 personal voice phone No. Can be set. It can input 17 bits at most, and dialing times as factory default setting is 5. When the host dialing the first voice phone No. Without answering from user. It will dial the next voice phone No. Automatically. Under the setting number of user repeated dialing times, the host will stop to dial if its no answering from all the users.

## 7.5.5 Set email

The host will send email related in the alarm parameters to the specific mailbox as user previous set. Please input the SMTP server info correctly in advance.

Example: 163 mailbox server :smtp.163.com, port 25. The sender mailbox need to enable SMTP server in advance.

## 7.5.6 Set GPRS APN

Access point APN is same as Mobile Gprs. User name and password can be set by users.

### Follow me phone number Setting

Phone Number 1:

Phone Number 2:

Phone Number 3:

Phone Number 4:

Dial Times:  Dial Times 1-15, default is 5 times.

### Email Setting

SSL Encryption

SMTP Server:

SMTP Port:

Email Login Username:

Email Login Password:

Outbox Address:

Inbox Address:

### GPRS APN Setting

Access Point (APN):

User Name:

User Password:

## Chapter VIII Technical specification

### 8.1 Generate data

- 1.Power Adapter: 5.5V/2000mA
- 2.Built in rechargeable lithium battery:3.7V/1100mAh
- 3.Static Working Current: <100mA
- 4.Alarm Working Current: <300mA
- 5.Frequency:433mhz/868mHz
- 6.Wireless receiving and emitting distance: 100-150M(in the open field)
- 7.Alarm Dialing Mode: network alarm, GSM alarm, GPRS network alarm
- 8.Alarm Receiving Communication Protocol: Ademco Contact ID
- 9.DTMF Dialing Frequency Deviation:<1.5%
- 10.Recording Times: 12 Seconds

### 8.2 Physical performance.

- Operation temperature range: 0°C-45°C(32F-120F)  
Storage temperature range: -20°C-60°C(-4F-140F)  
Relative humidity: 85% at 30°C(86F)  
Color: as box indicated.

## Chapter IX Maintenance

### 9.1 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.

### 9.2 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 X 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.

Network Faulty: If network wire break or short cut, the host can not report alarm parameters and caused the alarm faulty.

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.