

WIFI+GSM+PSTN Home Alarm System

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1. Preface

Thanks for choosing our WiFi + GSM + PSTN home alarm system. This system has implanted the most advanced and popular WiFi technology into traditional GSM +PSTN alarm system technology, which with simple wireless set up and easy-read LED display.

It's very convenient for users to set up the alarm system via App. Compared with traditional SMS app, all the settings can be done on mobile APP. This alarm system is widely used in family, factories, schools, shops, convenience stores, villas, residential areas where needs to protect.

Caution: To ensure that you can enjoy the impeccable warranty service, please do not open the panel housing to repair. Otherwise we will not provide free warranty service. All the losses and adverse consequences will be assumed by users.

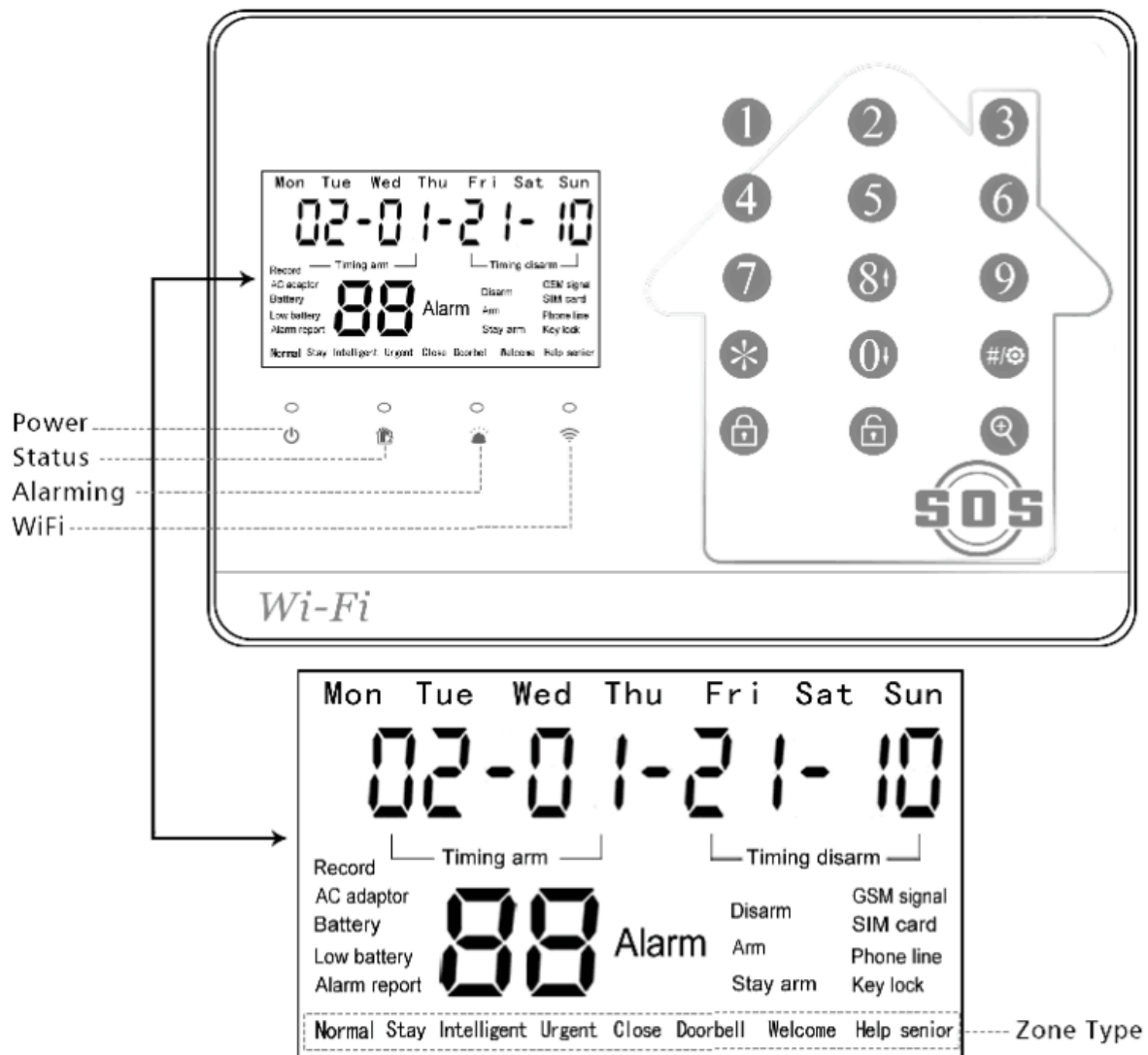
2. Main Features

- WiFi+ GSM +PSTN home alarm system with LCD display
- 99 wireless zones + 4 wired zones
- 4 groups alarm phone call No. +3 groups SMS phone No.
- Android + IOS APP application easy to control
- Free alarm push via mobile App through WIFI network. For example: Alarm panel battery low or Wifi OFF, App alarm push will remind user.
- Accessory low battery SMS Sent.
- Door Sensor Two-way Function.
- When AC power disconnect or accessories battery is low there will have alarm information promptly pushed to the user's phone
- Zone name can be modified by users.
- Work with IP Camera, the IP Camera APP integrated in the alarm panel APP. User can view the IP Camera by phone.
- Support wireless siren function.
- 10-second voice message recording.

Technical Information

- Power supply: DC9V~12V 50Hz/60Hz
- Working Voltage: DC9V-12V
- Static Current: < 50mA
- Alarm Current: < 450mA
- Back up Battery: DC7.24V NI-HI AAA*6
- Standby Time: 6h
- Charging Time: 4h
- GSM Frequency: GSM850/900/1800/1900MHz
- WIFI Frequency: 2.4G
- Receiver and Transmitting Frequency: 433MHz, 2262/3M-4.7M, EV1527/300K
- Siren: 110Db

3. Front Panel View



► **Power:**

Power light is on and screen show AC adaptor → alarm panel is turned on and power supply powered.

Power light is on and screen show battery → alarm panel is turned on and battery powered.

Power light is off → the alarm panel is not powered.

► **Status:**

Status light is on and screen show arm → alarm panel is under arm.

Status light is flashing and screen show stay arm → alarm panel is under stay arm.

Status light is off → alarm panel is under disarm.

► **Alarming:**

Alarm light is on and screen shows “Zone Number + Alarm”, for example 88 Alarm → 88 Zone is alarming.

Alarm light is off → No alarm occurs

► **WIFI Signal:**

WIFI light flash → alarm panel WIFI has not initiated yet;

WIFI light is on → alarm panel WIFI has initiated;

► **Zone type :**

Normal Zone: The panel only works under arm and stay arm status, it is not working when disarming.

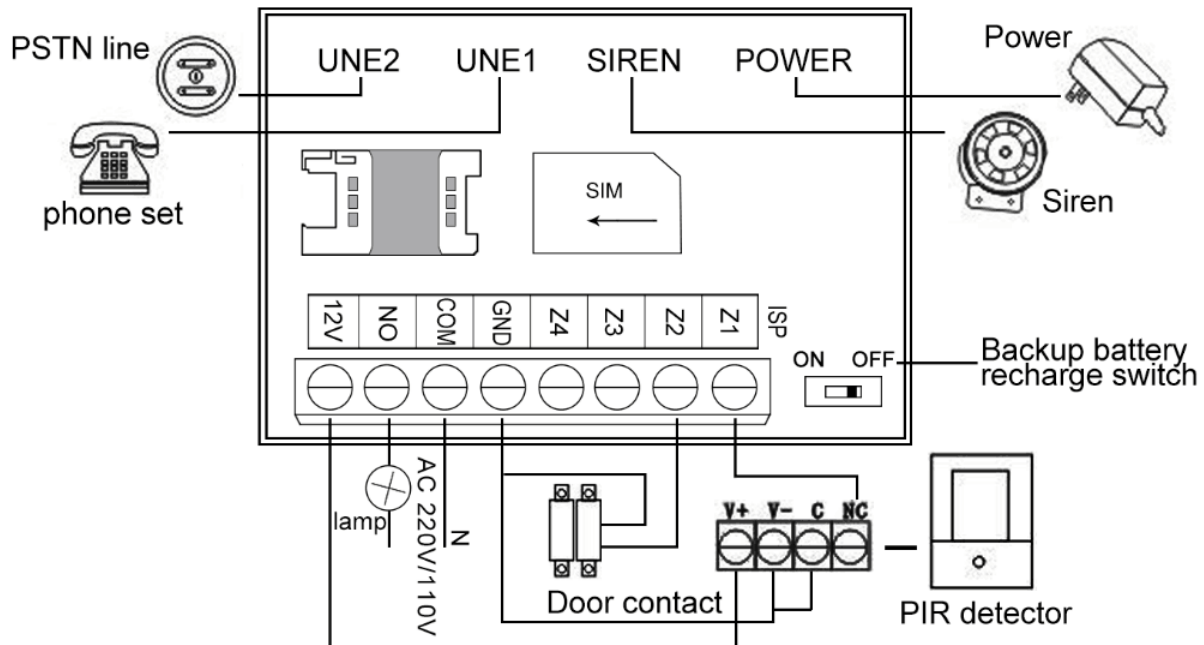
Stay Zone: When alarm panel is under stay arm status, the detectors under stay zone will not alarm even it is triggered. (For example, a user installed a door contact in zone 1(Normal Zone), a PIR detector in zone 2 (Stay Zone), the user press “S” key of the remote control, then the alarm panel is under Stay Arming Status. When the user walks around at home, PIR detector will detect the movement of the human and send signal to alarm panel, but it does not alarming; if the user opens the door in zone 1, the alarm panel will alert immediately.

Intelligent Zone: Alarm panel will not alarm if the detectors in the Smart Defense Zone was triggered only once, but if it was triggered again within 30 seconds after the first trigger, the alarm panel will alert immediately.

Emergency Zone: the detectors which under Emergency Defense Zone were triggered, then the alarm panel will alert no matter is on arming or disarming status.

Close Zone: No matter on arm or disarm status, detectors which under Close Zone will not alert even being triggered.

4. Back Panel Cable Connection Diagram



5. Initialization

Insert SIM Card, connect power supply, and then switch on the alarm panel, the panel will voice prompt "Welcome to use alarm system", and start searching GSM network.

GSM signal, SIM card and Phone line status in LCD display	"GSM signal" Flashing	Means searching GSM signal
	"GSM signal" On	Means GSM signal normal
	"SIM card" Off	Means without SIM card
	"SIM card" On	Means SIM card normal
	"Phone line" Off	Means without telephone line
	"Phone line" On	Means connect telephone line normal

6. Daily Operation

6.1 System Arm

It means to guard all around your house while everyone is going out, all detectors of the panel are under working. When detectors were triggered by detecting source (anti-theft, fire prevention, gas leak, etc.) The alarm panel will sound alarm. There are four methods to arm:



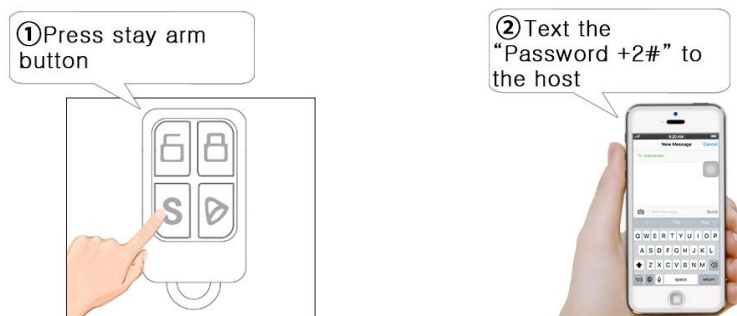
6.2 System Disarm

It means to stop the alarm when the panel sounds or make the alarm system in the status of non-warning. After disarming, the panel would not sound alarm even if you trigger the detectors. There are four methods to disarm.



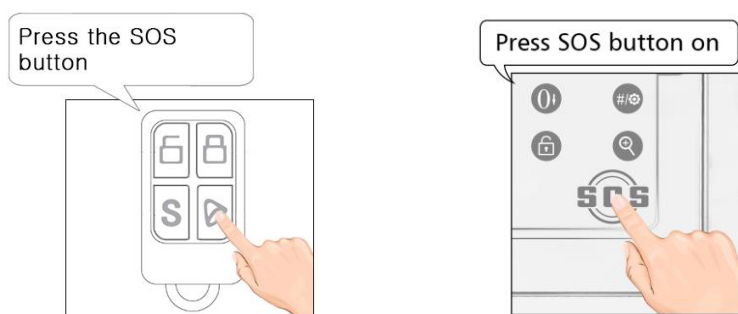
6.3 System Stay Arm

It means partial arming for the panel when somebody is at home, and needs to enable peripheral: door, window, balcony and boundary detectors to prevent to trigger the indoor detectors which may cause improper alarm, then you shall select Stay Arm, just activate part of the detectors can be activated to make sound alarm and dis-activated the other part. There are two methods to stay arm.



6.4 SOS

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



Notes: If alarm panel keypad lock enabled, user need enter password before any other operations. Default password is: 1234

7. Pre-record Voice Message

Alarm panel will broadcast a pre-recorded voice message after it call the pre-set phone numbers.

1. press "# " key to enter setting status;
2. press "19#", speak your message at the panel for recording.
3. System will record 10 Seconds and then exit automatically, or press any key to end whenever your message end.
4. Press "* #" to exit setting status.

8. Add/Delete Accessories Via Alarm Panel Keypad

Add Remote Control:

1. Press "# "Key to enter setting status;
2. Press command "07+(01~99)+#" to add remote control, (01~99) means zone 1~zone 99.

Example : Press 07 and the press 01#, this means add one remote controller to zone 1. "Beep" "Beep" two times means and alone with voice prompt "add successful" means add successfully. If "Beep" one time means already added, please change another one to add.

3. Press "* #" to exit setting status.

Alarm panel can add maximum 150 remote control of different code.

Delete Remote Control:

1. Press "*" Key to enter setting status;
2. Press command "08+(01~99)+#" to delete the remote controls which added in zone 1~zone 99 ; Press command "08+**+#" to delete all the remote controls which added to the panel.
3. Press "*" # to exit setting status.

Add Detector:

1. Press "*" Key to enter setting status.
2. Press command "09+(01~99)+#" to add detectors.
3. Press "*" # to exit setting status.

Alarm panel can add maximum 150 remote control of different code.

Delete Detector:

1. Press "*" Key to enter setting status.
2. Press command "10+(01~99)+#" to delete the detectors which added in zone 1~zone 99 ; Press command "10+**+#" to delete all the detectors which added to the panel.
3. Press "*" # to exit setting status.

9. WIFI Setting

9.1 App Download and Register :



Apple user search "WifiAlarm"

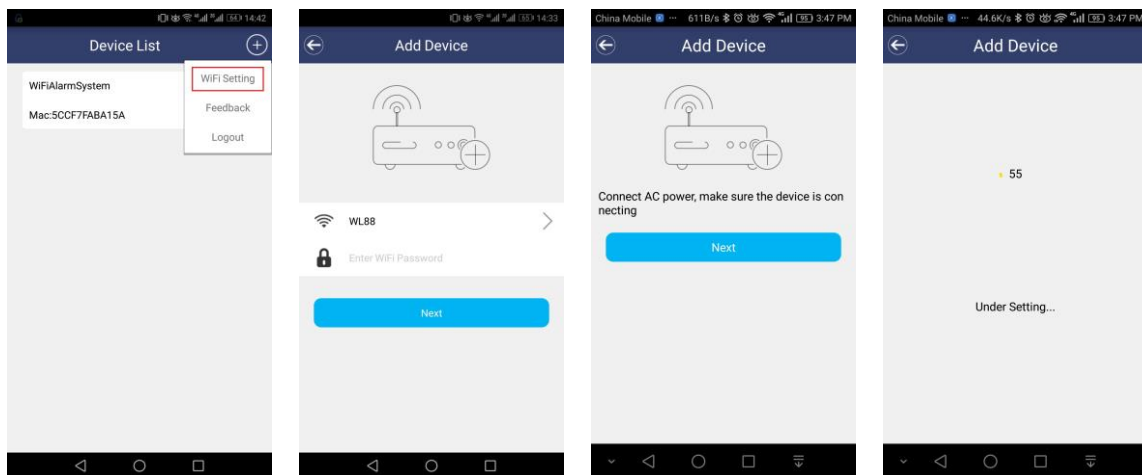


Android user search "WifiAlarm"

After download APP in smart phone, user need to register in APP, click "Register" button to go to register interface. User can choose phone number or email and enter password, then click "Register" to save settings. Then user can log-in the APP to do operation.

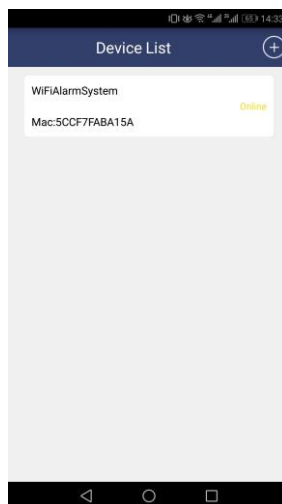
9.2 Connect WiFi for Alarm Panel:

1. Press **【#】** on the alarm panel keypad to enter system setting status.
2. Press 29# to enter Wifi Setting.
3. Alarm panel screen will show 60 seconds countdown, at this time input wifi account and password in APP. Then alarm panel voice prompt “setting successful” and Wifi indicator light keep on.
4. Then click “Next”, it will enter to Device List.



9.3 Bind Device:

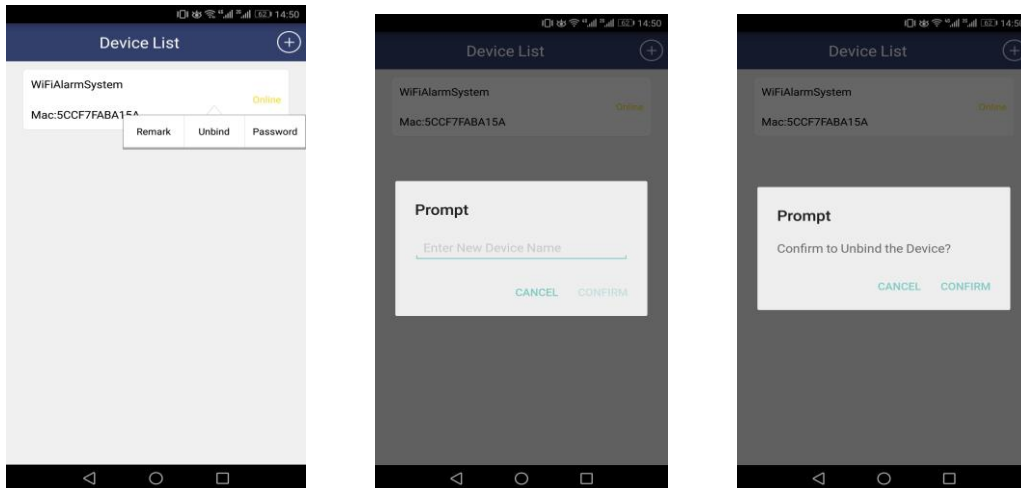
1. After the alarm host connected to WiFi, then it will automatic search device;
2. Click the device which user wants to Bind;
3. Click “Confirm” to bind.



9.4 Remark Device Name/Unbind Device:

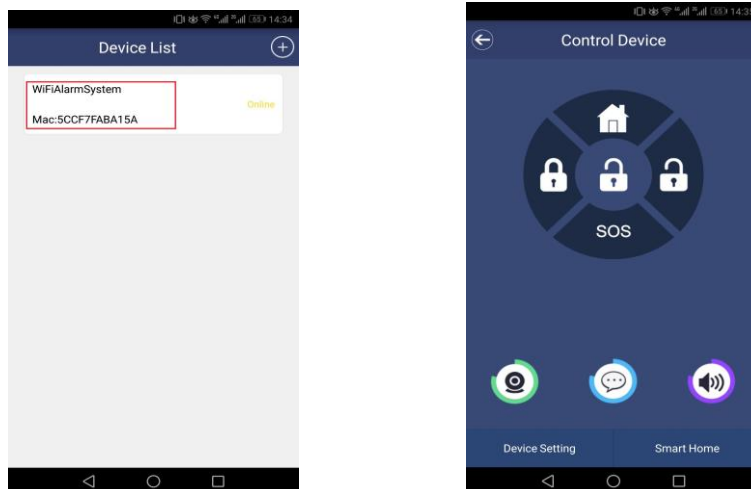
2. Click the device which user wants to remark or unbind;
3. Enter device name and click “confirm” to save setting.

4. Click “Unbind” then click “confirm” to unbind the setting.



9.5 System Status Setting:

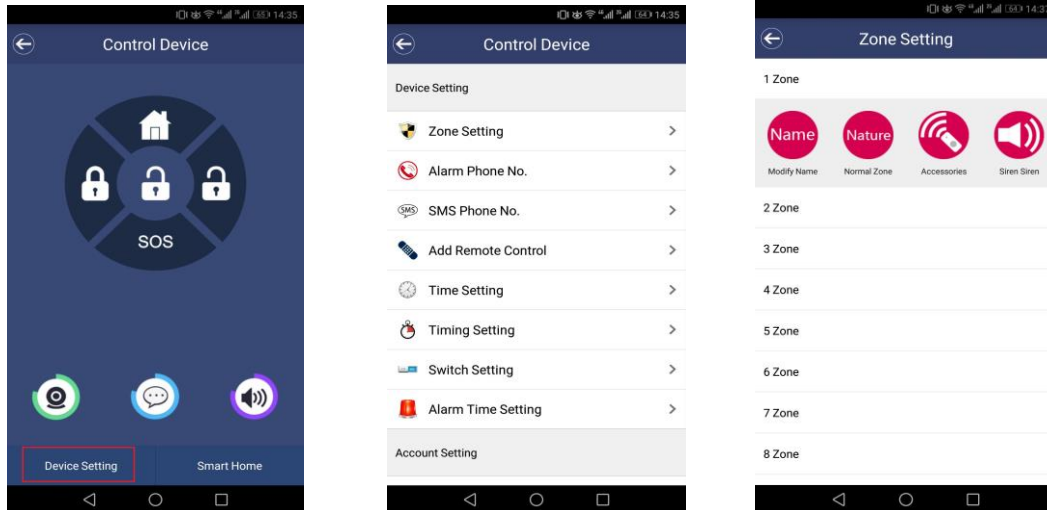
1. Click the device to enter main interface to set Arm, Disarm and Stay Arm.



9.6 Zone Setting:

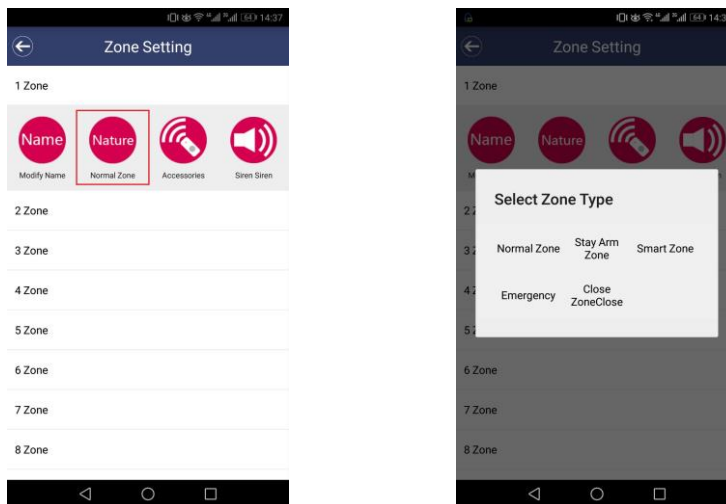
1. Modify Zone Name:

Steps: Click “Device Setting” → Click “Zone Setting” → Choose the zone which user wants to Modify → Click “Modify Name”→ Enter name → Click “Save”



2. Setting Zone Type :

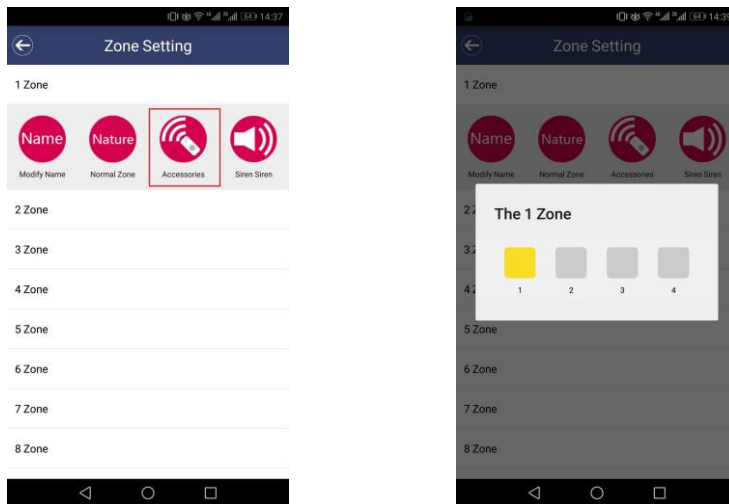
Step: Click “Zone Type” , then user can choose the zone types by himself.



3. Add/Delete Accessories:

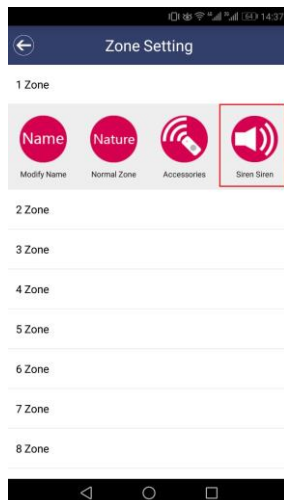
Steps: Click “Accessories”, each zone can add 4 detectors → Press one of the button between 1-4, → alarm host will make “Beep” “Beep” voice, it means the alarm host is under setting status → Trigger the accessories to send signal out.

Accessories add successfully if icon color turns into Yellow. Press the Yellow icon, then the color turns into gray, it means the detector is deleted successfully.



4. Turn ON/OFF Siren

Steps: Click “Siren” to ON/OFF the siren sound for this zone. Grey color means turn off.



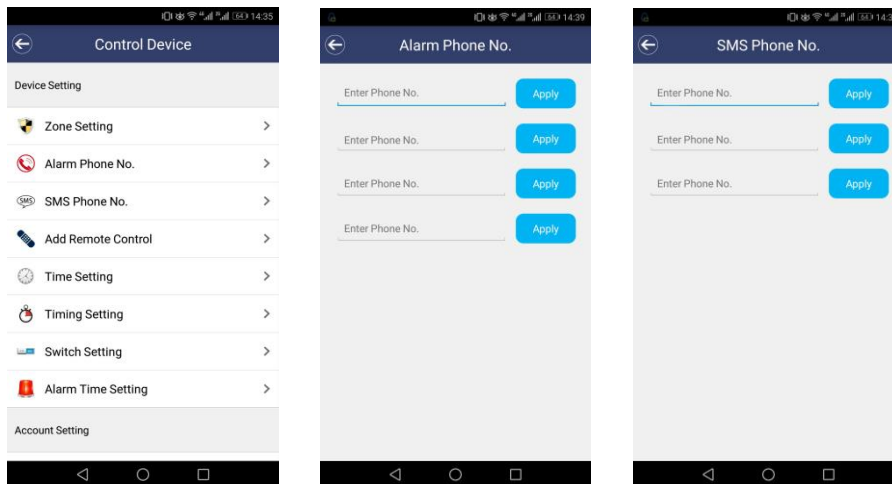
9.7 Add/Delete Alarm Phone No. and SMS Phone No

1. Add/Delete Alarm Phone No.

Steps: Click “Alarm Phone No.” and then input Phone No. click “Apply” Button to Save the setting. Delete phone No. and then click “Apply” to save the setting.

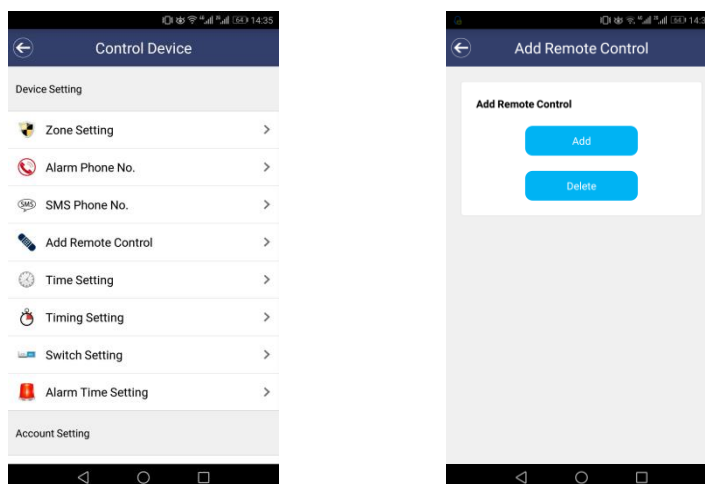
2. Add/Delete SMS Phone No.

Steps: Click “SMS Phone No.” and then do the same as add/delete alarm phone number.



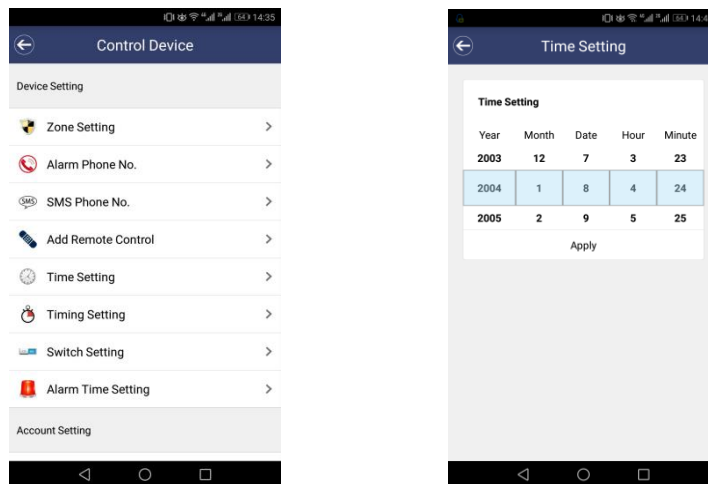
9.8 Add Remote Control:

Steps: Click “Add Remote Control”→ Click “Add”, then the alarm host will make voice prompt “Add Remote Control” and sound “Beep” “Beep” ... →Press one of the button in the remote control → Alarm host will make voice prompt “Add Successfully”



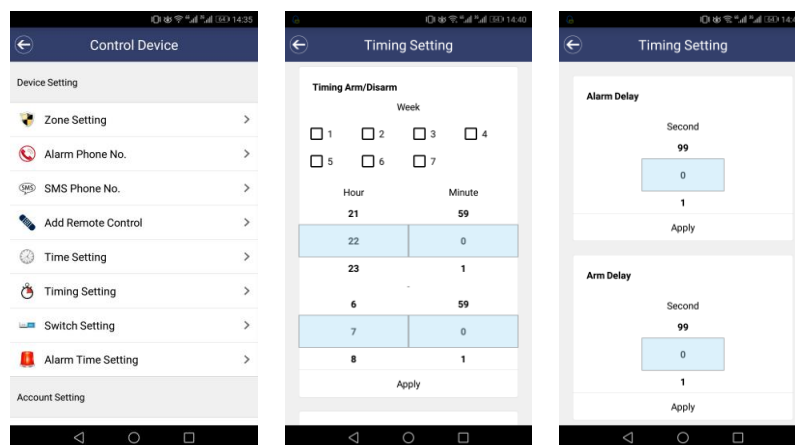
9.9 System Time Setting:

Click “Time Setting”, then user can set system time there.



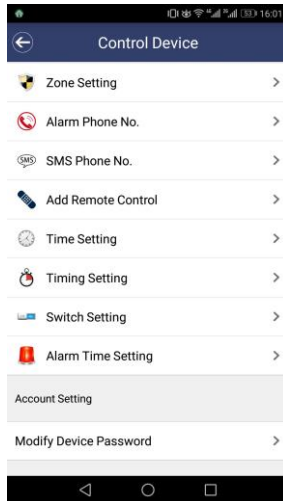
9.10 Timing Setting:

Click “Timing Setting”, then user can set Alarm Delay Setting, Arm Delay Setting etc. There also have two groups Timing Arm and Disarm by week.




9.11 Other Operations:

1. Switch Settings: User can turn ON/OFF all the switches in via this function.
2. Siren Setting : User can set Siren ON/OFF and Alarm Time.
3. Modify Device Password: User can reset passed of the device.

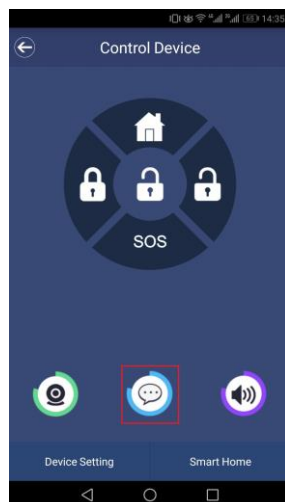


9.12 Check push messages:

Click Messages  at the bottom of the right corner, then can check all the push messages.

Note: If alarm host or mobile phone can not connect to wifi, then can use GSM APP to control

click  (need install GSM APP to mobile phone).



10 GSM Operation:

10.1 Answer Alarm Call

When alarm occurs, alarm panel will dial the pre-set number, If telephone-line and GSM network both normal, alarm panel will prior to choose telephone network to dial preset phone number from

Group 1-9 meanwhile sent SMS to preset SMS phone number. If the user's phone is busy or can not be connected, the alarm system will transfer to dial the next preset phone number till three cycles. User no need to enter password after received the alarm call to play the record. Press the number keys on the phone to operate the corresponding control functions:

[1] key: Arm	[2] key: Disarm
[3] key: Monitor	[4] key: Stop Monitor
[5] key: Intercom	[6] key: Stop Intercom
[7] key: To make siren beep	[8] key: Turn on siren beep
[9] Turn on relay-out put	[0] Turn off relay-out put
[*] key: Hang up, system will not dial the next alarm number. The alarm system will continue dial the next alarm phone No. if user do not press "*" or "2" number key.	

Remark:

Intercom time is 20s, press 3 to intercom for another 20s.

10.2 Remote Phone Call Control

User can use telephone or phone to make a call to remote control the panel, panel will pick-up the call automatically and then will have voice prompt "Enter Password", then enter the password (default password is "1234", it will remind the user to enter password again if password is wrong. the alarm system will automatically hang up if the third time still enter wrong password), the alarm system will remind the password is correct after entered correct password, then user can press the below number keys on the phone to do control functions:

[1] key: Arming	[2] key: Disarming
[3] key: Monitor	[4] key: Stop Monitor
[5] key: Intercom	[6] key: Stop Intercom
[7] key: To make siren beep	[8] key: Turn on siren beep
[9] Turn on relay-out put	[0] Turn off relay-out put
[*] key: Hang up,	
[#] key: Enter remote configuration mode, user can do status settings to the alarm host according to instructions in instruction table. If no operation in 20s, it will hang up automatically.	

10.3 Setting Command Via Keypad, Mobile Phone Call and SMS

Except WiFi App can set alarm system parameter, user also can through alarm panel touch keypad, phone call and SMS to set. Command format are as below:

1. Touch keypad: Press [#]+[Command] to do setting, and then press [* #] to exit setting

2. Phone call: Call the SIM card number of the alarm system, input [Command] to do setting.

3. SMS: Send [Password] + [Command] to the SIM card number of the alarm system.

Notes: As for user use extension telephone which need dial a number then can dial out (such as “9”), then need add “9*” before telephone no. For example send message “1234319*13899998888#”

Command Table:

Alarm Phone Number Setting	<p>【1-4】Means 4 groups alarm phone number</p> <p>E.g. Set 13868686868 as the first group alarm phone number.</p> <p>1. Press [#] on the panel and then press [3113868686868#]</p> <p>2. Remote calling the alarm panel, input [password]+[#] to enter setting status, input [3113868686868#]</p> <p>3. Send SMS message [12343113868686868#]</p>
Command: [3] +[1-4]+ [Phone No.]+[#]	
Delete Alarm Phone Number Setting	<p>E.g. Delete 2nd groups alarm phone call number</p> <p>1. Press [#] on the panel and then press [32#]</p> <p>2. Remote calling the alarm panel, input [password]+[#] to enter setting status, input [32#]</p> <p>3. Send SMS message [123432#]</p>
Command: [3]+[1-4]+[#]	
Add SMS Alarm Number Setting	<p>【1-3】Means 3 groups SMS alarm number</p> <p>E.g. Set 13812345678 as first groups SMS alarm phone number:</p>
Command: [4]+[1-3]+[Phone No.]+[#]	<p>1. Press [#] on the panel and then press [4113812345678#]</p> <p>2. Remote calling the panel, input [password]+[#] to enter setting status, input [4113812345678#]</p> <p>3. Send SMS message [12344113812345678#]</p>
Delete SMS Alarm Number	<p>E.g. : Delete 2nd group SMS alarm phone No.</p> <p>1. Press [#] on the panel and then press [42#]</p> <p>2. Remote calling the panel, then input [password]+[#] to enter setting status, input [42#]</p> <p>3. Send SMS message [123442#]</p>
Command: [4]+[1-3]+[#]	
Voice Prompt ON/OFF	<p>[0/1]: 1 means ON, 0 means OFF. Default is : ON</p> <p>E.g. : User need turn on voice prompt when setting the system</p> <p>1. Press [#] on the keypad and then press [110#]</p> <p>2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [110#]</p> <p>3. Send SMS message [1234110#]</p>
Command : [11]+[0/1]+[#]	
Telephone Line Break SMS Send ON/OFF	<p>[0/1]: 0 means OFF, 1 means ON. Default :OFF</p> <p>E.g.: Send SMS when telephone line break</p> <p>1. Press [#] on the keypad and then press [131#]</p>
Command :	

[13]+[0/1]+[#]	2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [131#]. 3. Send SMS message [1234131#]
Siren Volume Setting	[00-99]: means the siren volume
Command : [14]+[00-99]+[#]	E.g.: User need to adjust the volume into 50 1. Press [#] on the keypad and then press [1450#] 2. Remote calling the SIM card number, input [password]+[#] to enter setting status, then press [1450#] 3. Send SMS message [12341450#]
WiFi Status SMS Sent ON/OFF	[0/1]: 0 means OFF, 1 means ON. Default :OFF
Command : [15]+[0/1]+[#]	E.g.: User need to turn off SMS send when wifi status changed 1. Press [#] on the keypad and then press [150#] 2. Remote calling the SIM card number, input [password]+[#] to enter setting status, then press [150#] 3. Send SMS message [1234150#]
Keypad Lock ON/OFF	When turn on keypad password protection, user need enter password then can do operations on keypad. Default password is:"1234".
Command : [17]+[0/1]+[#]	[0/1]: 0 means OFF, 1 means ON. System default is OFF E.g.: Turn ON keypad password protection. 1. Press [#] on the keypad and then press [171#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [171#] 3. Send SMS message [1234171#]
Alarm Linkage ON/OFF	[0/1]: 0 means OFF, 1 means ON. System default is ON
Command : [20]+[0/1]+[#]	E.g.: Turn OFF alarm linkage. 1. Press [#] on the keypad and then press [200#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [200#]. 3. Send SMS message [1234200#]
GSM Module ON/OFF	[0/1]: 0 means OFF, 1 means ON. System default is ON
Command: [21]+[0/1]+[#]	E.g.: Turn OFF GSM Module 1. Press [#] on the keypad and then press [210#]
Passwords Modification Setting	Default password is 1234. E. g.: Set 8888 as a new user password:

Command: [50]+[4 digits new passwords.] + [#]	1. Press [#] on the keypad and the press[508888#] 2.Remote calling the panel, input [password]+[#] to enter setting status, input [508888#] 3. Send SMS message [1234508888 #]
Delay Arm Time Setting	The alarm panel will enter the arming status after a certain time if arming by remote or panel. Delay arm time can be set 0-99s, default is: 00s. E.g. : User wants to set the delay arming time as 60s. 1. Press [#] on the keypad and the press [5160#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then input [5160#]. 3. Send SMS message [12345160#]
Command : [51] +[00-99 seconds]+[#]	
Delay Alarm Time Setting	The alarm panel will start to alarm after a certain time if detectors were triggered. Delay alarm time can be set 0-99s, default is: 00s. E.g. : the user wants to set the alarm delay time as 60s. 1. Press [#] on the keypad and the press [5260#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then input [5260#]. 3. Send SMS message [12345260#]
Command : [52] +[00-99 seconds]+[#]	
Beep Duration Time of Siren Setting	Siren beep duration time from 0~20min, factory default is 1min. E.g. : Set beep duration time as 5min. 1. Press [#] on the keypad and then press [5305#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [5305#] 3. Send SMS message [12345305#]
Command : [53] + [00-20 minutes]+[#]	
Siren Tone ON/OFF when Arm / Disarm by Remote Control	When arm/disarm by remote controller, user no need the siren make noise. [0/1]: 0 means ON, 1 means OFF. Factory default is on. E.g. : user wants to turn off No. 1 remote siren tone. 1. Press [#] on the keypad and then press [55010#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [55010#] 3. Send SMS message [123455010#]
Command : [55]+ [00~99 Remote control number]+[0/1]+[#]	
System Time Setting	E.g. : Set Aug 1 st 2011, 09 : 00 : 00 as system time. 1. Press [#] on the keypad and then press [5620110801090000#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [5620110801090000#]. 3. Send SMS message [12345620110801090000#]
Command : [56]+[4 Digits Year]+[01-12Month]+[01-31Date]+[00-23Hour]+[00-59 Minutes]+[00-59Seconds]+[#]	

Timing Arm Setting	This panel can set 4 groups timing arm.
Command : [57]+ [01~04 group number]+[AAAA Arm Time]+[BBBB Disarm Time]+[Monday ~ Sunday]+[#]	E.g.: Set the first group timing arm at 22:00, timing disarm at 07:00, from Monday to Friday are effectively. 1. Press [#] on the keypad and then press [57012200070012345#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [57012200070012345#] 3. Send SMS message [123457012200070012345#]
SMS Send ON/OFF When Accessory's Battery Low	[0/1]: 0 means OFF, 1 means On\N. Default is OFF E.g. : Set SMS notification ON when battery of detectors is in low voltage.
Command : [59]+[0/1]+[#]	1. Press [#] on the keypad and then press [591#] 2. Remote calling the SIM card number, input [password]+[#] to enter setting status, then press [591#]. 3. Send SMS message [12341234591#] ""
Zone Type Setting	The alarm panel have 99 wireless zones and each zone can be used as five types defense zone: [01-99]: Zone numbers. [1-5]: Zone type. 1: Normal Zone. 2: Stay Arm Zone. 3: Smart Zone. 4: Emergency Zone. 5: Close Zone. [0/1]: 0 means siren not sound when alarm triggered. 1 means siren sound when alarm triggered. E.g.: Set Zone 2 as Stay Arm Zone and siren not sound when alarm triggered.
Command : [60]+[01-99]+[1-5]+[0/1]+[#]	1. Press [#] on the keypad and then press [600220#] 2. Remote calling the alarm panel. Input [password]+[#] to enter setting status, then press [600220#] 3. Send SMS message [1234600220#]
Wired Zone NO/NC Mode Setting	Zone 51~54 is wired zones, default setting is NO mode. [0/1]: 0 means NO, 1 means NC E.g. : Set zone 51 into NC mode.
Command : [61]+[51-54]+[0/1]+[#]	1. Press [#] on the keypad and then press [61511#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [61511#] 1. Send SMS message [123461511#] Notes: Zone 51=Wired zone 1 and labeled Z1 in the back panel Zone 52=Wired zone 2 and labeled Z2 in the back panel Zone 53=Wired zone 3 and labeled Z3 in the back panel Zone 54=Wired zone 4 and labeled Z4 in the back panel

Door Sensor Two-way ON/OFF	[0/1]: 0 means OFF,1 means ON. Default is OFF.
Command : [63]+[0/1]+[#]	E.g. : Set door sensor two-way Alarm function ON 1. Press [#] on the keypad and then press [631#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [631#] 3. Send SMS message [1234631#]
Alarm Panel AC Power Disconnect SMS Send ON/OFF	[0/1]: 0 means OFF, 1 means ON. Default is ON
Command : [64]+[0/1]+[#]	E.g. : User need SMS send when AC power disconnect.. 1. Press [#] on the keypad and then press [641#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [641#]. 3. Send SMS message [1234641#]
Wireless Siren ON/OFF	[0/1]: 0 means OFF,1 means ON. Default is OFF
Command : [67]+[0/1]+[#]	E.g. : User need connect wireless siren, please turn on. 1. Press [#] on the keypad and then press [671#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [671#]. 3. Send SMS message [1234671#]
SMS Sent ON/OFF When Arm/Disarm	[0/1]: 0 means OFF,1 means ON
Command : [68]+[0/1]+[#]	E.g. : SMS Sent When Arm/Disarm 1. Press [#] on the keypad and then press [681#] 2. Remote calling the SIM card number, input [password]+[#] to enter setting status, then press "681#". 3. Send SMS message "1234681#"
Reset	This command user for restore to factory settings (delete all preset settings such as telephone No., delete alarm/arm delay, turn off telephone line self-checking function, etc. Password turn to default 1234). But it will not delete remote control and detectors.
Command : [9898]+[#]	1. Press [#] on the keypad and then press [9898#] 2. Remote calling the alarm panel, input [password]+[#] to enter setting status, then press [9898#] 3. Send SMS message [12349898#]
Totally Reset	If user turned on keyboard password protection function and forgot its password, user can only use force restore factory setting to reset. Steps: 1. Disconnect AC power adapter, switch to OFF 2. Wait 1 min and then turn on the panel 3. Press "SOS" key immediately on the alarm panel keypad 4. Alarm panel will "beep, beep..."

	<p>after five seconds, release “SOS” key</p> <p>After this operation, the panel is totally reset, all settings, remote controls and detectors are deleted. Password turns to default 1234.</p>
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10.4 SMS Query Command and Setting

The following instructions are only for SMS command to control panel remotely:

Disarm	Send SMS 12340# into alarm panel
[0]+[#]	Note: 1234 is the password, If client changed password, then need use the new password
Arm	Send SMS 12341# to set the alarm panel to ARM
[1]+[#]	
Stay Arm	Send SMS 12342# to set alarm panel to STAY ARM.
[2]+[#]	
Turn ON Relay Out-put	Send SMS 12343# to turn on the relay output.
[3]+[#]	
Turn OFF Relay	Send SMS 12344# to turn off the relay output
[4]+[#]	
Query Alarm Panel General Settings	Send SMS 123411#, then alarm panel reply:
[11]+[#]	<p>Arming</p> <p>AC Power: ON</p> <p>Relay Out: ON</p> <p>Password:1234</p> <p>Alarm Delay:00s</p> <p>Arm Delay:00s</p> <p>Siren Ringing: 1min</p> <p>Siren VOL:99</p> <p>Audio: ON</p> <p>Low Voltage: ON</p> <p>Remote Send SMS: OFF</p> <p>Keypad Lock: ON</p> <p>Voice: ON</p> <p>Wireless Siren: ON</p> <p>Door Sensor Two-way: OFF</p>

Query Timing Arm/Disarm status	Use for query 4 groups timing arm/disarm status. Send SMS 123457#, then alarm panel reply 2004-02-05 12:30 First Group
[57]+[#]	Arm: 12:00 Disarm: 13:00 Week:1234567 Second Group Arm: 12:00 Disarm: 13:00 Week:1234 Third Group Arm: 12:00 Disarm: 13:00 Week: 234 Fourth Group Arm: 12:00 Disarm: 13:00 Week:567
Customize Zone SMS Content	[00-99] Means 99 wireless zones Example: Send SMS "12348001 Front Door Alarm#" to the alarm panel, then replies "Zone 01 Front Door Alarm" . When alarm triggered in zone 01, then alarm panel will sent this SMS to the preset 6 groups SMS phone number.
[80]+[00-99]+[SMS Content]+[#]	Note: Maximum length of message is 25 characters.
Query Zone SMS Content	[00-99] Means 99 wireless zones
[81]+[00-99]+[#]	Example: Send SMS"12348101 #" to the alarm panel, then replies Zone 1 SMS content.

Query SIM Card Balance and Use As Telephone

Query SIM card balance command: " # +00 + SIM card number+#"

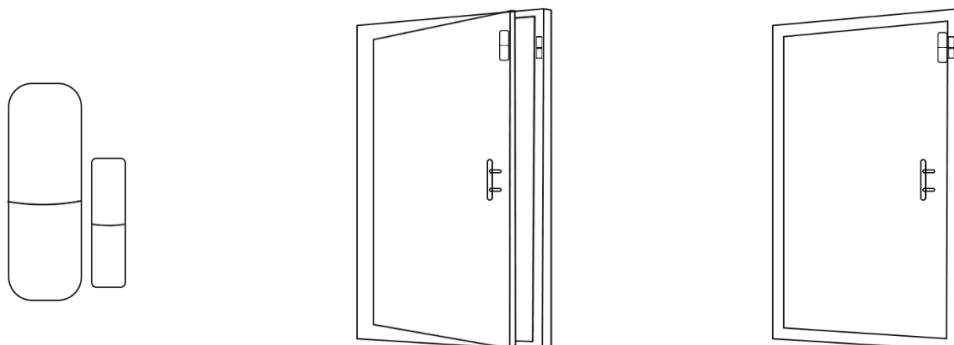
Alarm panel use as telephone command: "#00+phone number which user plan to dial+#"

11 System Factory Default

Operation Password	1234			
Remote Setting	Enable		Alarm Relay Out Put	Enable
Telephone line break alarm ON/OFF	OFF		Telephone call control Ringing times	8 times
Beep Duration Time of Siren	1min		Siren Tone ON/OFF when Arm / Disarm	Enable
Delay Arming Time	0 second		Delay Alarming Time	0 second
51-54 Wired Zone	Normal Open		1-99 Zone Alarming	Siren Sound enable
SMS Message	Enable		1-99 Zone SMS Message Content	Zone Alarm

12. Installation of the Detectors:

The Installation Diagram of Magnetic Door Detector:



Caution:

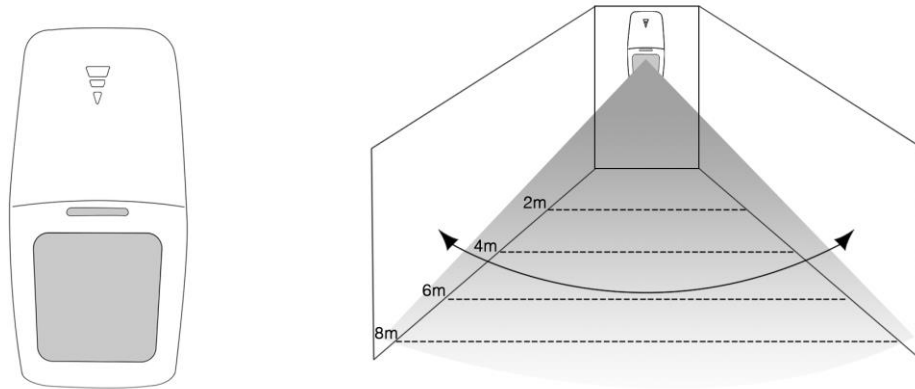
A : The gap between the magnet and the sensor should be less than 10mm.

B : After the installation, if the indicate light of the detector is on when the door is open. It proves it is installed successfully.

C: If the indication light of the door detector flashes when it is triggered, it means the battery of the sensor is in low voltage, and you need to change the battery as soon as possible.

D : The transmit distance of the detectors is less than 100meters in the open area, please test the distance before installing. The obstacles will change the transmitting distance.

The Installation Diagram of PIR Motion Detector:



To avoid the false alarm, please pay attention to the following point in stalling the PIR motion detector;

A: Do not face the glass window.

B: Do not face the big object which is easy to swing.

C: Do not face the cold and heat air vent or cold and heat source.

D: The furniture, mini escape or any other isolation should be away from the detecting scope.

E : Do not install two or more detectors in the same area or it will cause the interference when alarm.

F : When the detector is triggered and the LED indicator flashes, it means the battery is in low voltage, please change it as soon as possible.

G : The detecting distance is less than 8 meters, the transmitting distance is less than 100 meters. Please test the distance after installing. The obstacles will influence the distance.

13. Maintenance

System Inspection:

The System need periodic inspection to ensure the stable and safe work. We suggest the users to inspect the system per three month and inspect the detectors

per month.

Alarm Host Inspection:

A : Check whether the host can arm or disarm normally.

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

C : Check whether the host can receive the signal from detectors normally and back-up battery work normally or not.

Detector Inspection:

A : Trigger the detector by hand to check whether it can send the alarm signal successfully or not.

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

Cautions:

A: Do not disassemble, repair, transform the products privately, or it will cause fault or accident.

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

C: Do not set "911" or any security department's telephone numbers as the alarming phone numbers without any authorization.