

# Wi-Fi

## GSM Home Alarm System



### Key Features

Wi-Fi network,internet push without charge

IP camera APP integrated in the alarm APP

Zone names can be revised by users

Work with RFID wireless keypad

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# Preface

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Thanks for choosing our GSM+ Wi-Fi home alarm system. GSM+ Wi-Fi home alarm system has implanted the most advanced and popular Wi-Fi technology into traditional GSM alarm system technology, with very simple wireless set up and easy-read words LCD display.

It's very convenient for users to set up the alarm system via keyboard or APP. Compared with traditional SMS APP, Wi-Fi APP is much more simple and quicker operation.

Caution: To ensure that you can enjoy the impeccable warranty service, do not open the host-housing to repair and renovation by yourself or we will not provide free warranty service. All the losses and the adverse consequences it makes will be assumed by users.

## Key features

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1. WIFI + GSM+GPRS word menu home alarm system.
2. Android + IOS APP application easily control, Easily Authorized.
3. Notification push via Wifi, compare with traditional SMS, it's free.
4. Work with IP camera, The IP camera APP intergrated in the host APP. you can view the IP camera by phone.
5. Workable with RFID wireless keypad ,support doorbell function.
6. Zone names can be revised by users.
7. Relay usages name can be revised by users.
8. Independent zones. Every zone can be set be independent zone, which can be only disarmed by APP and alarm host keypad.
9. Leaving message remotely in APP. When leaving message in APP, such as: I will go home late,don't wait for me.Next the message is automatically mapping to the host. Users will see LCD display note to remind.
10. Information push promptly when AC power lost or recovered or detectors in low voltage.
11. Build-in wireless transmitter, can control 4 wireless relay outputs and wireless sound&strobe siren.
12. 96 wireless zones + 2 wired defense zones ,Can store 6 alarm call. phone No.
13. Wireless encoding between host and detectors, innumerable detectors for each wireless zone.
14. Arm/alarm Delay for each defense zone. Timed arm/disarm function.
15. 10-second voice message recording.
16. Support Monitoring and two-way intercom function.
17. The host can be used as a hand-free phone.

## Technical information

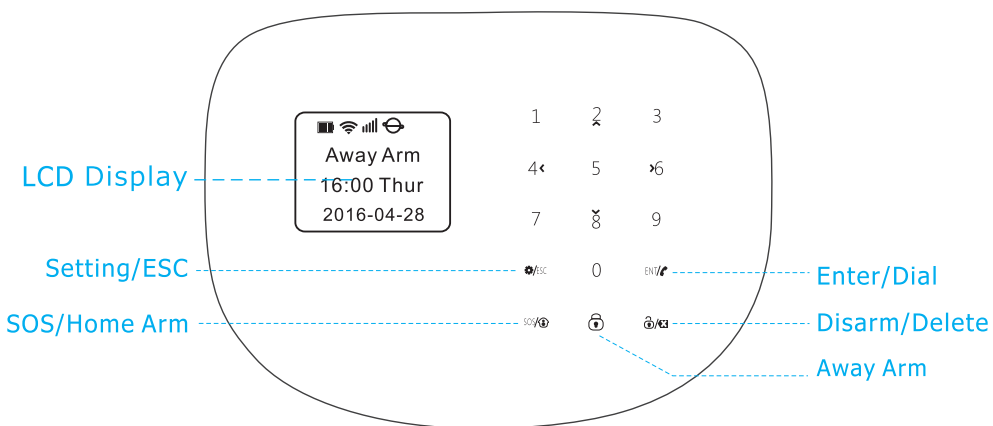
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Power supply: AC=100 ~ 230V 50Hz/60Hz

- Working voltage: DC12V 1A
- Static current: < 35mA (when not in charging)
- Alarm current: < 120mA
- Backup Battery: 3.7V 1050mAh
- Standby time: Around 36 hours
- Charging time: 10 hours
- GSM frequency: 850/900/1800/1900MHz
- WiFi frequency: 2.4G
- GSM Transmission power: 2W
- Receiving and emitting frequency: 433MHz (868MHz )

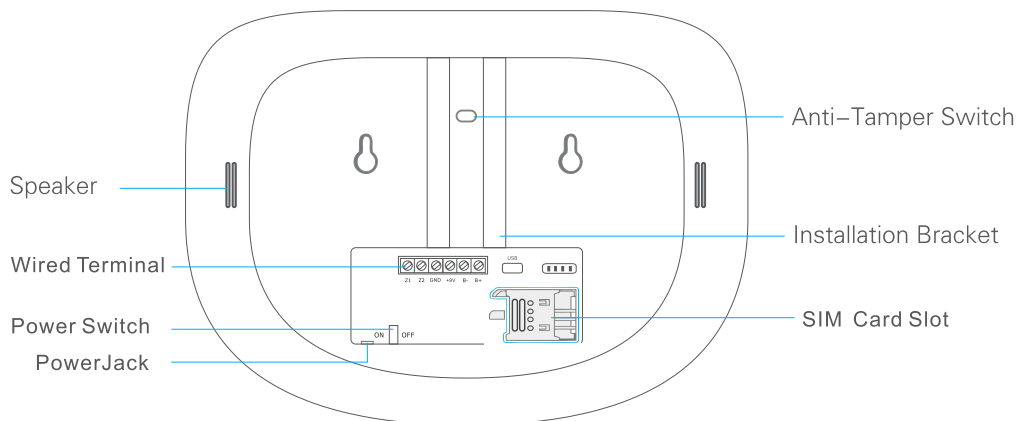
## Front panel view:

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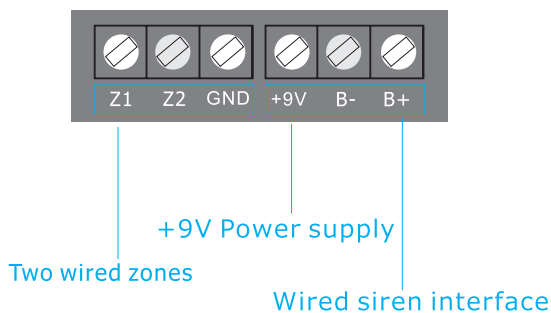
## Back panel view

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## Back panel view

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## Away arm

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It means to guard all around your house while everyone is going out; all the detectors of the host are always working; when the detector is triggered by detecting source (anti-theft, fire prevention, gas leak, etc.), the alarm system will sound the alarm.



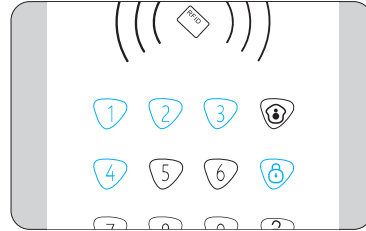
Remote Controller Arm



Host Panel Arm



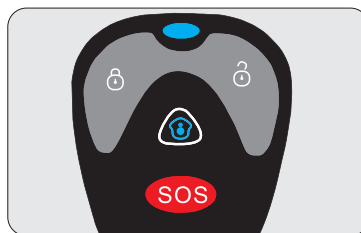
App Arm



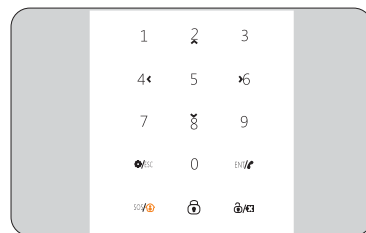
Wireless Keypad Arm

## Home arm

It means, for the safety, while somebody is at home, you need to enable the peripheral: door, window, balcony and boundary detectors of the alarm system while prevent from triggering the indoor detectors, which may cause improper warning; then, you shall select Home Arm, let just part of the detectors work and disable the other parts.



Remote Controller Arm

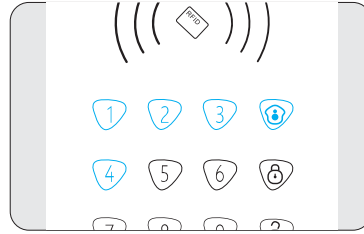


Host Panel Arm





App Arm



Wireless Keypad Arm

## Disarm

It means to stop the alarm when the host sounds the alarm or makes the alarm system in the state of non-warning. After disarming, even if you trigger the detector, the host would not sound alarm (excluding 24- hour defense areas).



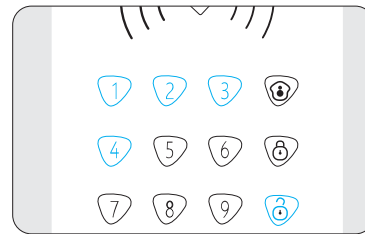
Remote Controller Disarm



Host Panel Disarm




App Arm

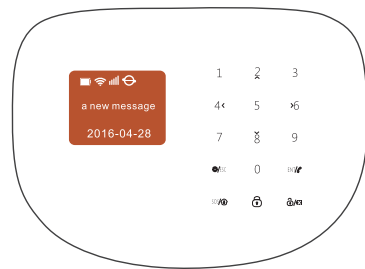


Wireless Keypad Arm

## Voice message

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It means recording voice message from APP to alarm host in order to communicate between family members. Recording voice message from APP to alarm host: Hold on touch  button, start to record the message, and no limitation for voice message length, the recorded voice message will map to alarm host automatically.



## Surveillance





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It means user can control IP camera directly from APP. (details take the introduction of APP function for reference)

## Call up

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It means alarm host can be used as a hand-free phone:

- (1) User can make dial directly from alarm host, touch phone number on numeric keypad then touch  to make dial, after finish conversation touch  again to end the call.
- (2) User can make dial to alarm host, the person beside the alarm host can touch  to answer the call. after finish conversation touch  again to end the call.

# Initialization


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First install sim card and power the alarm host with adapter, then switch on the alarm host , LCD display will appear “Wifi&GSM with ip camera easy phone app 98 sensors 99 devices more.. Welcome! ”, 10 seconds later, GSM signal icon and battery icon appear on LCD display, then initialization successes.



## System setting

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Touch /ESC button, input 4 digital administration passwords, then can enter the setting menu for all the functions. If without further operation for 35 seconds, alarm host will return to first page.

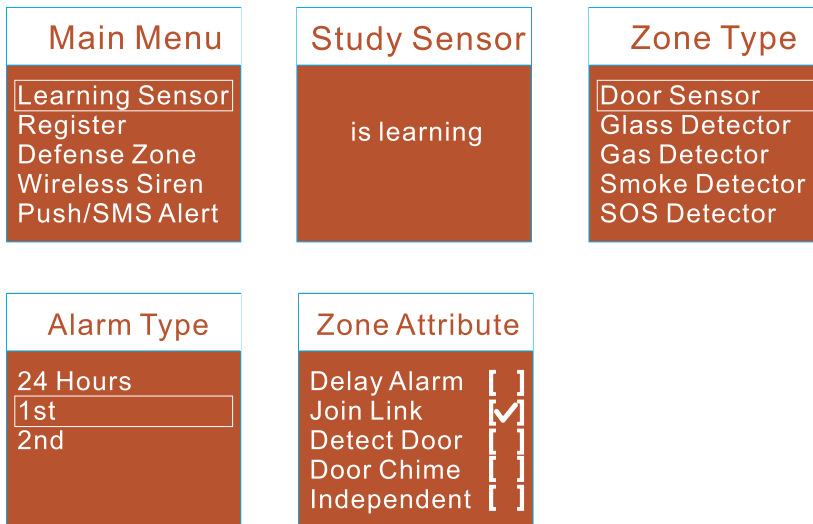
Note: the default administration password is [0000]

## Detailed functions setting

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### Learning alarm sensors

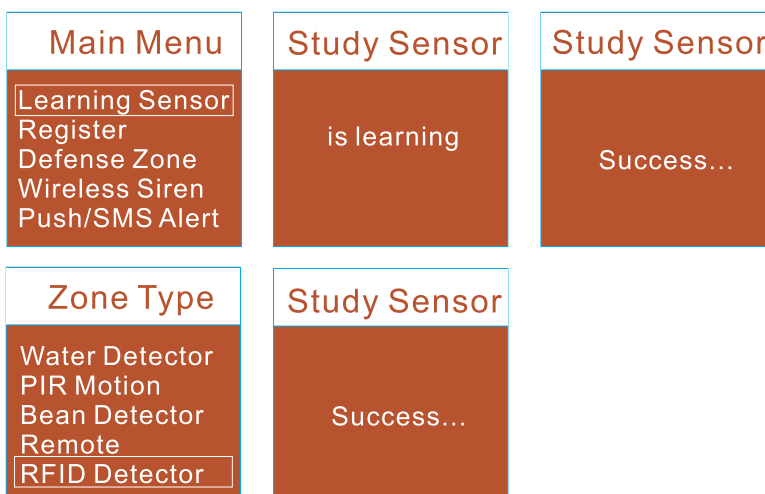
Touch /ESC button, input 4 digital administration passwords, Choose “learning sensor” menu, touch  to get into sub-menu, display appear “is learning”, at the meantime trigger the alarm sensor, while it finish learning, display will appear “success!” and the system will switch to zone type setting, user can choose alarm sensor type and defense line in this sub-menu. Then touch  to enter into “Zone Attribute”, user can choose function of delay alarm, join link, detect door, door chime and independent in sub-menu.



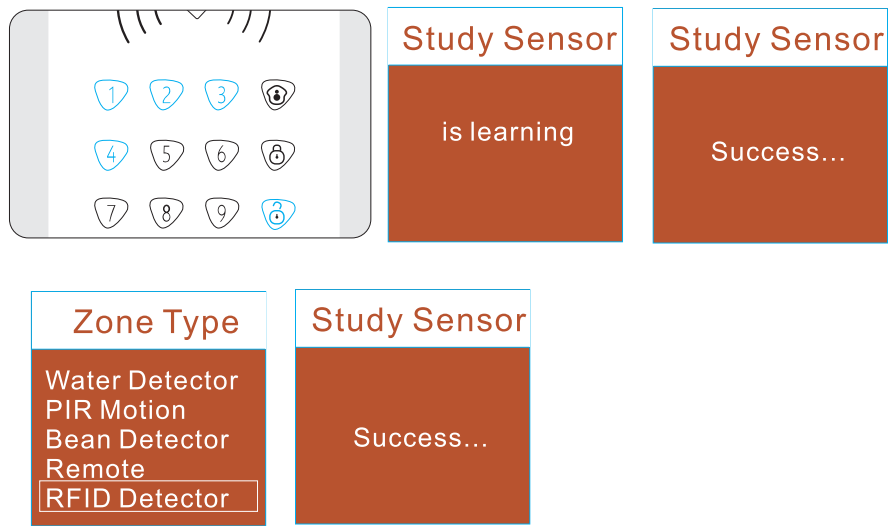
### How to learn RFID keypad

There are two ways to learn RFID keypad into alarm panel.

One learning way: Touch /ESC button, input 4 digital administration pass-words, choose "learning sensor" menu, touch ENT/ button to get into sub-menu, display appear "is learning". Now the host enter keypad learning status, user can press the tamper switch of RFID keypad once. The tamper switch is at the backside of keypad. Once the panel make a sound like "beep" and display shows "success", then coding succeed. Users can choose RFID keypad sensor type on panel. Then users can use RFID keypad control alarm panel.



The other learning way: firstly user can follow operations described above to make panel under keypad learning status. Then user input user password or Administrator password on RFID keypad and press anyone button of away arm/disarm/home arm /doorbell. If the alarm panel make a sound like “beep”, then coding succeed. Users can choose RFID keypad sensor type on panel. Then users can use RFID keypad control alarm panel.



### Zone type

Under this menu, user can choose alarm sensor type, such as door/window sensor, gas detector, PIR motion sensor, fire detector, etc.

### Defense line

- ① 24H defense line: it means 24 hours protection, the alarm sensors in this line will trigger the alarm system whenever in arm status or disarm status, usually panic button, smoke detector, gas leakage sensor, etc. should learn to 24H defense line.
- ② 1st defense line: it means perimeter protection, the alarm sensors in this line will work in both away arm and home arm modes.
- ③ 2nd defense line: it means interior protection, the alarm sensors in this line will only work in away arm mode, but will be de-activated in home/stay arm mode.

Zone attribute

- ① Alarm delay: Alarm delay setting is that the host will not alarm until delayed time arrives. Touch 4< to active and touch 6> to de-active this function.

Note: for alarm delay time setting part, should refer to the menu "time set", and choose "alarm delay" sub-menu, enter time 00 to 99 sec for delayed time.

Main Menu	Time Set	Alarm Delay	Alarm Delay
Phone Number Password Alarm Recording Wifi Time Set	Set Time Zone Build-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

- ② Join link: If alarm sensor choose "join link", then means this alarm sensor will active to work, if not chosen means will not work anytime in any status. Touch 4< to active and touch 6> to de-active this function. (factory default is active)

Zone Attribute	
Delay Alarm	[ ]
Join Link	[✓]
Detect Door	[ ]
Door Chime	[ ]
Independent	[ ]

- ③ Detect Door: if the door/window sensors choose "detect Door", then those sensors will have smart zone function. That is, when users away arm alarm host, the system will automatically check whether doors and windows are closed; alarm host will remind users which door or window is open.

Note: This function is only available for two way door/window sensor.

When users away arm alarm host on panel or away arm host with remote controllers, if the door sensor has not closed, the panel won't away armed successfully, LCD will display as below. Users can press OK button to mandatory away arm the panel.

Confirm
No:0 Error! Zone-001
Are you Sure?

When users use APP away arm the alarm host. If the door sensor is open, users can successfully away arm the panel, at the mean time, host APP will send push to remind users which zone need to close.

- ④ Door Chime: this function is suitable for main entrance gate installation to remind home owners that someone is coming in when the alarm system in home arm or disarm status. Firstly, user need to program door sensor which want to set door chime function in 2rd defense line. secondly open door chime function under the "zone attribution" menu. After setting succeed, if alarm system in disarm or home arm status, somebody open the main entrance gate, alarm host will make sound like "ding-dong".

Zone Attribute
Delay Alarm [ ]
Join Link [ ]
Detect Door [ ]
Door Chime [✓]
Independent [ ]




- ⑤ Independent: Every zone can be set to be independent zone, which can only disarmed by APP or alarm control panel, but can't disarmed by remote controllers. The feature is suitable for important room or private room.

Zone Attribute
Delay Alarm [ ]
Join Link [ ]
Detect Door [ ]
Door Chime [ ]
Independent [✓]

# Register(wireless relay outputs/wireless siren)

① Wireless relay outputs:

Firstly, Connect wireless relay outputs with power adapter. To delete previous setting, user can long press the Programming button about 6 seconds until the LED indicator lamp lights on again, then means it return to factory setting successfully.




Secondly, turn to alarm panel,touch /ESC button ,input 4 digital admini- stration password,choose “Register” menu, touch  button to enter into sub-menu, choose Device 4/5/6/7 and touch  button to confirm. LCD will display“Register...”.

Thirdly, press the learning button of relay, the indicator light of relay will flash and relay make switch sounds. About 15s later, the light will stop flash and sounds stop also. LCD will display “Register Completed!”, then means learning succeed.

Fourthly, disconnect power adapter from relay. And then reconnect power adapter for relay. Now users can go to control relay output in the “Automation” of smartphone APP.

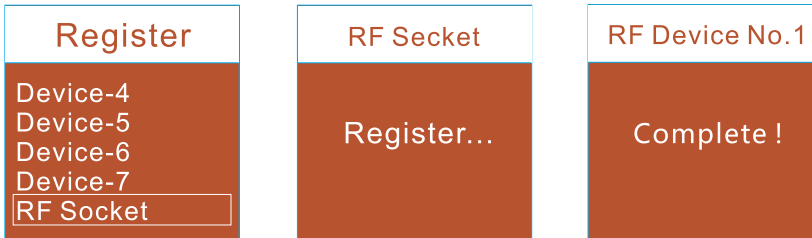
For more relay output setting details, users can turn to page 39 “The instruction for use wireless relay outputs”.

Main Menu	Register	RF Device No.1	RF Device No.1
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Device-4 Device-5 Device-6 Device-7 RF Socket	Register...	Register Completed!

② RF Socket:Touch /ESC button, input 4 digital administration password, choose “Register”menu, touch  to enter into sub-menu choosing “RF Socket” touch  to learn , LCD will display “register...”,at the meantime keep press the learning button of RF socket about 5 seconds



and then release, the indicator light of socket will flash and the socket will make switch sounds. After the socket stop flash and sounds also stop. LCD display“ Complete!”,then learning succe ed.



- ③ RF indoor siren: Touch /ESC button, input 4 digital administration password, firstly choose “wireless siren” menu, touch button into sub-menu, set siren ON and set siren type(users can refer to siren type setting on page 16). Return to the main menu, choose “Register” menu, touch to enter into sub-menu choosing “RF indoor siren” touch to learn, LCD will display “register...”, next long press type B siren learning button for 3s or short press type A siren learning button, after siren sound “beep” and LCD display “Complete!”, then learning succeed.
- ④ RF Outdoor siren: Touch /ESC button, input 4 digital administration password, firstly choose “wireless siren” menu, touch button into sub-menu, set siren ON and set siren type(users can refer to siren type setting on page 16). Return to the main menu, choose “Register” menu, touch to enter into sub-menu choosing “RF outdoor siren” touch to learn , LCD will display “register... .”, next long press type B siren learning button for 3s or short press type A siren learning button, after siren sound “beep beep” and LCD display “Complete!”, then learning succeed.

## Defense Zone

Touch /ESC button, input 4 digital administration passwords, choose “Defense zone” menu, Touch button to save operation. All the alarm sensors learned into alarm host would be automatically listed on screen.

Users can choose one sensor and touch [ENT](#) button to review, edit and delete that sensor.

Review

If the chosen alarm sensor has been already set zone type, defense line, zone attribute, etc. then user can choose review to check the previous setting history.

Main Menu	Zone-001	Review	Defense Zone
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Zone-001 Zone-002 Zone-003 Zone-004 Zone-005	Review Edit Delete	<Sensor Type> Door Sensor <Alarm Type> 1st

Edit

Under the edit menu, user can set zone type of the chosen alarm sensor , type defense line, zone attribute information or revise previous zone setting information.

Edit	Zone Type	Alarm Type	Zone Attribute
Review Edit Delete	Door Sensor Glass Detector Gas Detector Smoke Detector SOS Detector	24 Hours 1st 2nd	Delay Alarm [✓] Join Link [✓] Detect Door [ ] Door Chime [ ] Independent [ ]









Delete

User can delete the learned alarm sensors from this menu.

Delete	Confirm
Review Edit Delete	Are you sure?

Revise zone name:user should refer to APP to revise zone name (take page 29 for reference)






# Wireless siren

Touch /ESC button, input 4 digital administration passwords, users can choose “wireless siren” and then touch  button to enter into sub-menu, choose “Siren On/Off” to active or de-active wireless siren. Touch  to active and touch  to de-active wireless siren, choose “Siren Type” to set A or B for siren. Touch  to set A and touch  to set B. and touch  button to save operations, then user can input the siren ringing time (from 000 Sec to 999 Sec) in this sub-menu and press  button to save operation.


Note: the factory default siren ring time is 300 Sec.

Main Menu	Wireless Siren	Wireless Siren
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Siren On/Off <input checked="" type="checkbox"/> [✓] Siren Type [B]	Enter Time 300 Sec

Note: the default siren type is type B, users need to set right siren type firstly before sirens learning.

Siren	Siren Type[A]/[B]	Siren	Siren name
	[A]		[A][B]
	[A]		[B]
	[A]		

# Push/SMS Alert

This Function is for setting AC fail and recover alert, Arm/Disarm alert, alarm host battery low voltage alert, Sensor low battery alert, Wi-Fi ok or disconnect alert. Touch /ESC button, input 4 digital administr

-ation password, user may choose “Push/SMS alert”.Enter the sub-menu Touch 4< to active and touch >6 to de-active the chosen function .Once active the listed event report, users can receive push/SMS alert when evens happen.

Main Menu	Push/SMS Alert	Push/SMS Alert
Learning	AC Fail [✓]	Battery Low [✓]
Register	AC ok [ ]	Sensor Low [ ]
Defense Zone	Arm/Disarm [ ]	Wifi ok [ ]
Wireless Siren	Battery Low [ ]	Wifi Discon [ ]
Push/SMS Alert	Sensor Low [ ]	Door close [ ]

Phone number

Touch ⚙️/ESC button,input 4 digital administration passwords, user may choose “phone number”, touch ENT/👉 button to enter alarm phone number setting page. choose one group and touch ENT/👉 button,then enter phone number,touch ENT/👉 button to save operation. If user want revise the pre-set phone number, users may enter the chosen phone number page, and touch 🗑️/👉 to delete the old phone number, and input new phone number, touch ENT/👉 to save operation.

Main Menu	Phone Number	Phone Number	Phone Number
Register	No Number	13555555555	update...
Defense Zone	No Number		
Wireless Siren	No Number		
Push/SMS Alert	No Number		
Phone Number	No Number		

Password


Touch ⚙️/ESC button,input 4 digital administration passwords, user may choose“Password”,Enter the sub-menu, user can revise “User Password” and “Admin Password”, choose one via touch ENT/👉 to enter the next page, input new password and re-enter password to confirm, touch ENT/👉 to save the operation.

Main Menu	Password	Password	Modfy Pin
Defense Zone Wireless Siren Push/SMS Alert Phone Number Password	User Admin	New: _ Confirm: _	update...

Note: the factory default User password is 1111



the factory default Admin password is 0000

## Alarm recording.


Touch /ESC button, input 4 digital administration passwords, user may choose "Alarm Recording" to start to record voice message. this voice message will happen when user answering alarming call.

Main Menu	Alarm Recording
Wireless Siren Push/SMS Alert Phone Number Password Alarm Recording	Recording...

## Wi-Fi

- Users can turn ON/OFF the WiFi connection function for panel. Touch  to turn on and touch  to turn off this function(factory default is ON).
- WiFi bonding: for this part setting, user should refer to APP introduction to connect WiFi network for panel. (take page 30 for reference)

Note: users should confirm the Wifi connection function is ON and users should remember to power on panel with adapter before Wifi connection.

Main Menu	Wifi
Push/SMS Alert Phone Number Password Alarm Recording Wifi	ON/OFF  WiFi Bonding

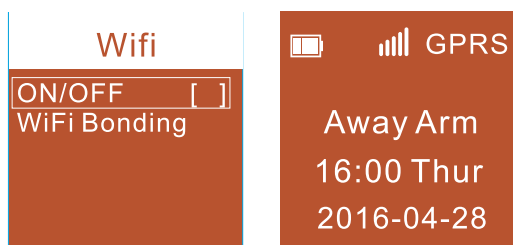
## About GPRS function

When SIM cards have access to GPRS function, alarm host will work with GPRS network in below two cases

- A. alarm host work with WiFi, while suddenly AC power failure, then alarm host will automatically switch to work with GPRS network.  
(Later when AC power recover, the alarm host will automatically switch to work with Wifi network)

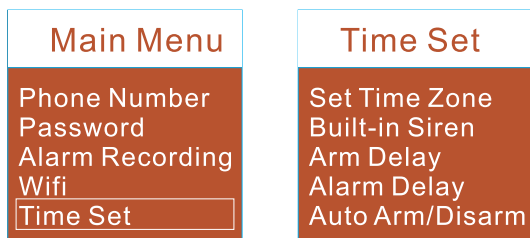
**Note:** when the AC power on but wifi off, the panel can not automatically switch to work with GPRS.

- B. If users have turn OFF Wifi connection function on alarm host , then the alarm host will work with GPRS network.



## Time Set

This Function is for setting time for set time zone, build-in Siren, Arm delay, Alarm delay, Auto Arm/Disarm etc.



### ① Set Time Zone

This function is for auto timing via internet. Under this sub-menu, after user choose time zone, alarm host will auto timing.

### ② Built-in Siren

This function is for setting the ringing time of build-in siren, user can choose 000 Sec to 999 Sec. If choose 000 Sec, then means when alarming, alarm host will keep mute.

Time Set	Built-in Siren	Built-in Siren
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 300 Sec	update...

### ③ Arm delay

Arm time delay setting is that the host will not be armed until delayed time arrives. this function is mainly used for touch“arm”button in alarm host to arm the system and leave time for user to deviate from house .

Time Set	Arm Delay	Arm Delay
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

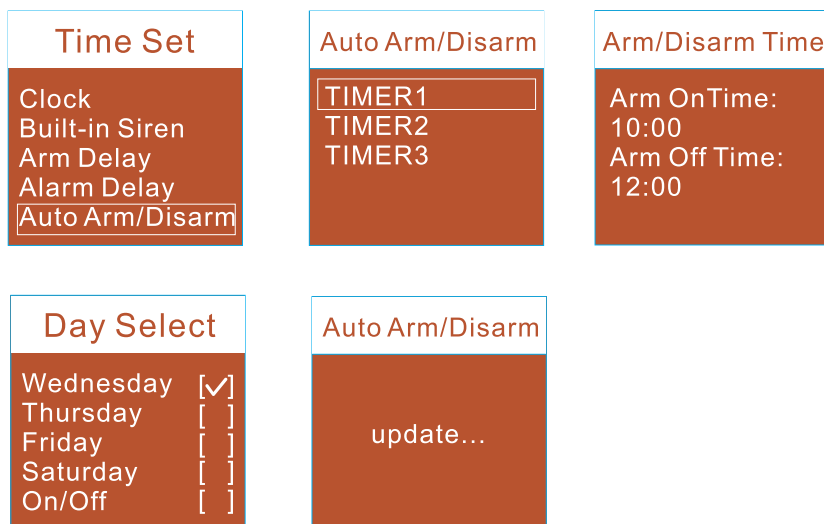
### ④ Alarm delay

First user should active “alarm delay”function under the sub-menu of “zone attribute”which is mentioned in page 10. Then set time for delayed alarm. This function is usually applied to leave time for disarm via touching“disarm”button on alarm host panel.

Time Set	Alarm Delay	Alarm Delay
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

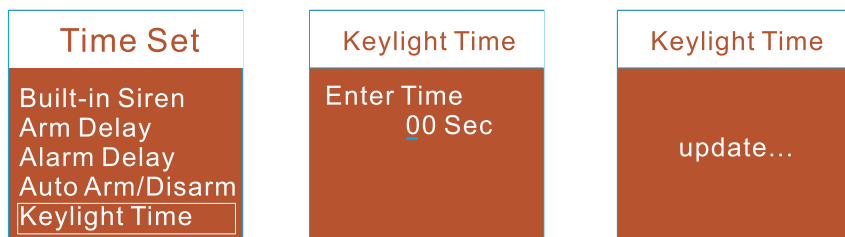
### ⑤ Auto Arm/Disarm

In total user can set three groups auto arm/disarm time .Under “Time Set”, choose sub-menu “Auto arm/disarm”, choose “timer 1” as first group, enter arm time and disarm time, and then press left/right button to choose day, press **ENT/** button to save.



## ⑥ Key light time

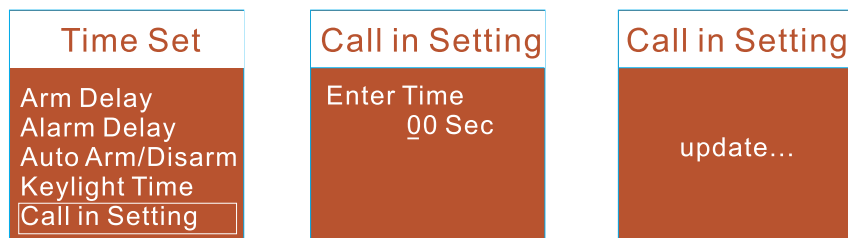
Under “Time Set”, choose sub-menu “Key light time”, and then enter time (00~99)(seconds).press **ENT/** button to save.



**Note:** if there is no further operation within key light time, then the panel will exit setting status.



## ⑦ Call in Setting

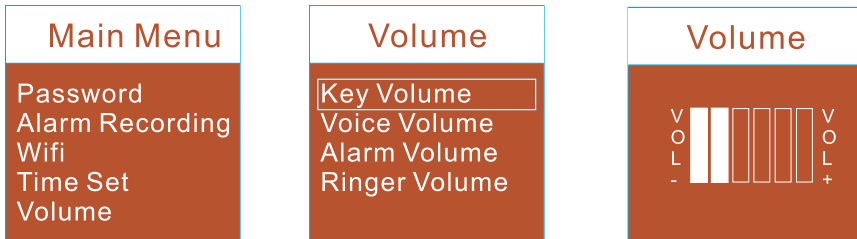
Under “Time Set”, choose sub-menu “Call in Setting”, and then enter ringtime(00~99)(seconds).press **ENT/** button to save.



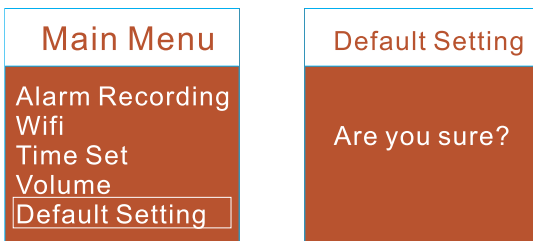


## Volume

Touch /ESC button, input 4 digital administration passwords, choose “volume” menu, touch  button to enter system volume setting menu. In total user can set key volume, voice volume alarm volume and ringer volume.

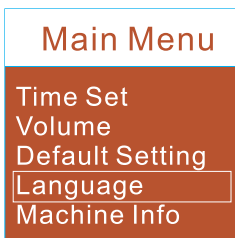


## Default Setting

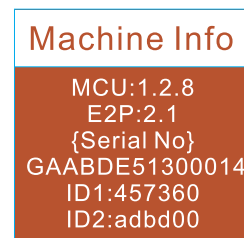


Note: if users set panel to default setting. Please remember to switch off the panel and then switch on the panel. After that, panel will automatically reconnect with previous Wifi network, or users can bond new Wifi for panel.

## Language



## Machine Info



User can switch languages for multi-language panels.

## Answer alarm call

When the alarm host make alarm. Firstly it will send alarm push to smartphone. Then it will dial the preset numbers. If no one answers the call, the host will call the next user number automatically. If you answer the call, you will hear the pre-record voice “press one to arm, press two to disarm, press three to monitor, press four to intercom”. You can set the host via your smartphone keypad.

Press[1]: the host stops alarming to Arm; it stops calling users.

Press[2]: the host stops alarming to Disarm; it stops calling users.

Press [3]: the siren will stop ring and the host will start monitor.

Press [4]: start talkback.

## Remote phone call control

User can use telephone to make a call to remote control panel. After the ring, user will hear the voice “Please enter password”. Then users can input user password (Default user code is 1111)and then press “#” to confirm . For wrong password, users will hear the voice : “ wrong password, please enter password again”. For correct password, users will hear the voice “press one to arm, press two to disarm, press three to monitor, press four to intercom”.

Press[1]: the host stops alarming to Arm; it stops calling users.

Press[2]: the host stops alarming to Disarm; it stops calling users.

Press [3]: the siren will stop ring and the host will start monitor.

Press [4]: start talkback.

## Remote SMS control

**Note:** Please take the Wi-Fi /GPRS network for prior as SMS control would be chargeable.While the APP push via WIFI won't need any cost.

1.Operation and cooresponding SMS as below :

Disarm : #+user password+D+#

Away Arm : #+user password+A1+#

Home Arm: #+user password+A2+#

Check Status : #+user password+C+#

For example

The alarm host default user password is 1111. User can send SMS "1111D#" to Disarm panel

2. Connect Wi-Fi network for panel via SMS (Please connect the power adapter for panel before this optertion )

The SMS content is "#+user password+W1+SSID name, password+#".

If operation succeeds, users will receive a SMS "Wi-Fi bonding success".

For Example:

If router SSID name is "apple" and the Wi-Fi password is "hello1234".

We can send SMS "#1111W1apple,hello1234#" to the alarm host and connect Wi-Fi for it.

## How to use App

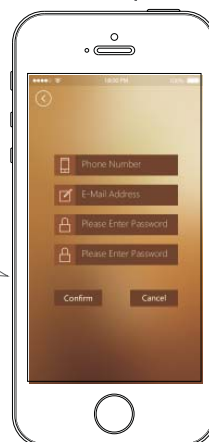


Apple user search:"e wifi gsm alarm system"



Android user search:"WiFi GSM alarm system"

User need input phone number, E-mail address, password in this interface.

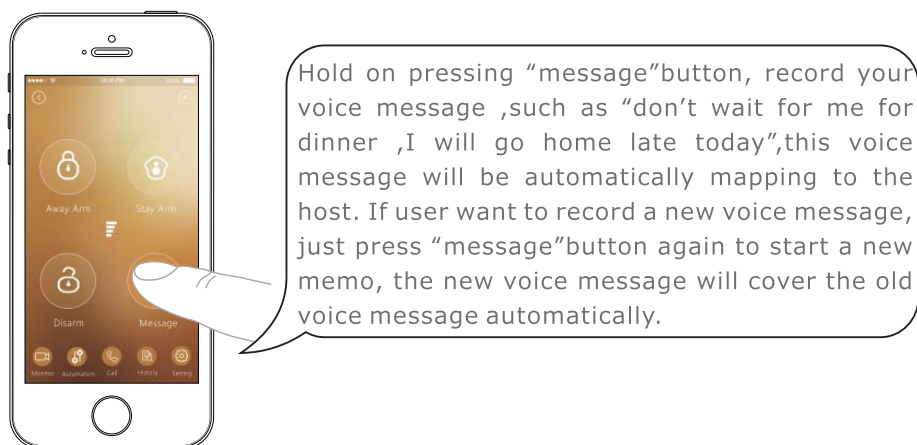


Firstly User need to register in APP. User need input phone number, E-mail address, password in this interface.

## User need to Understand APP main interface

🔒 Away Arm, 🏠 Home arm/Stay arm, 🔓 Disarm, 🗣️ voice message.  
📹 IP camera function, ⚙️ Home automation function, 📞 Call alarm host function, 📋 history checking function, ⚙️ setting alarm host function.

## Introduction of voice message function as below



## Introduction of IP camera function as below

To better experience the convenience of this product, before using this product, please download the Phone App.

- IOS users can go to the APP Store to search and download IP camera App:"yoosee"
- Android users can visit the website([www.yoosee.co](http://www.yoosee.co)) to download IP camera App:"yoosee"

Install IP camera APP in smart phone and register.

Enter alarm panel APP interface, press 📹 monitor button to enter IP camera "Device List" interface, press ➕ button on the top right corner, users will see two ways to add IP camera, that is "smartlink" and "manual Add".

Smartlink: users need to power on IP camera with adapter. Choose “smartlink” to enter next interface, click “Next” to enter next interface , then fill in the WiFi password and click “Next”. Wait for some time, users will see QR code showed on smartphone. Now users need to put this QR code toward the camera until the IP camera make a sound like “beep”, then adding succeed. Remember that the distance between the smartphone and camera should be 20-30cm when the camera scan QR code.

Manual Add : Firstly, choose “manually” to enter “Add device” interface.



Secondly, enter IP camera ID , input device name and input password. Press **OK** to finish adding.

**Note:** IP camera ID is at the bottom sticker of IP camera. Users can define device name and default device password is 123.



Thirdly: Power on the IP camera and then connect IP camera with network cable. Then the IP camera can connect with network. Refresh "Device list", then users can see that IP camera would be "online".



Fourthly: Connect IP camera with WiFi network.

Click that IP camera device, appear "playback", "setting" and "edit" buttons. Choose "Setting" to enter below interface.

Fifthly: Choose "Network Settings" to enter below interface.



Sixthly: Choose the accessible WiFi in the list, enter password, and press OK button to finish setting.

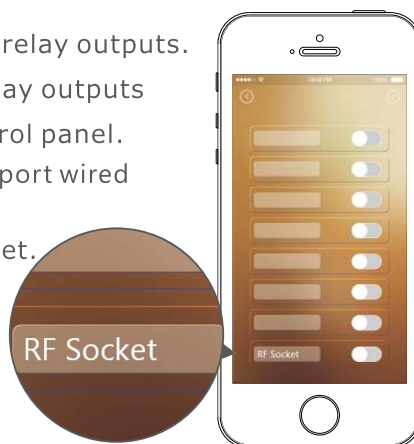
Finally: Then device can work with WiFi network and users can pull up the network cable.

Then press next step to finish installation. After installation, Once IP camera is online (connect Power and Wi-Fi/wired internet), user can check what is happening in his house anytime and anywhere.

## Introduction of Home automation function

For the method to connect wireless relay outputs, user can take page 11, part ① content for reference. Once connect wireless relay outputs (touch pad switch) successfully. User can control relays directly from below APP interface:

- Device 4 to Device 7 is for wireless relay outputs.
- Device 0 to Device 3 is for wired relay outputs located in the behind of alarm control panel.
- **Note:** only old version alarm host support wired relay outputs.
- RF socket is for wireless smart socket.



## Introduction of Call alarm host function

First Touch ⚙️ button, and find phone number setting in the first line, click it to skip into next page like below picture. User need to input alarm host SIM card No. in the last form.



After store alarm host phone successfully, user can touch ☎️ button to call alarm host directly for listen-in what happen in house or intercom with the person beside alarm host.

## Introduction of history checking function

The history checking includes all pushes history and different type of alarming history.

## Introduction alarm host setting function

It includes host setting, zone attribution setting, and wireless siren setting.

- Alarm host setting is for phone No. Setting, build-in siren ring time, arm delay, alarm delay, call in setting, auto arm&disarm,push/SMS alert, key press volume and keyboard lock setting. All the functions setting listed in this page are same meaning as alarm host function setting.
- Zone attribution setting, all the learned alarm sensors will be listed in this page automatically.

From zone-97 to zone-98 is for wired alarm sensor setting.

From Zone-1 to Zone-96 is for wireless alarm sensors setting.

Touch each zone number, the popping sub-page is for detailed function setting, including revising zone name(limitation for 16 letters),join linkage, door Chime and independent zone setting.

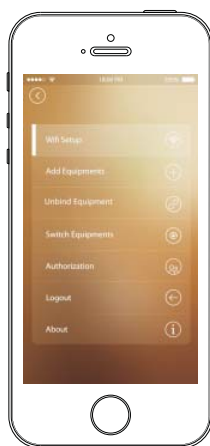




- Wireless Siren setting, user can revise siren name, join linkage or not, set alarm time in this page.

## Instruction for Wifi setting.

There are two way to connect Wifi Network. First, log in APP application, click ☰ button at top right corner in APP main interface. Second, click "wifi setup" of login interface.



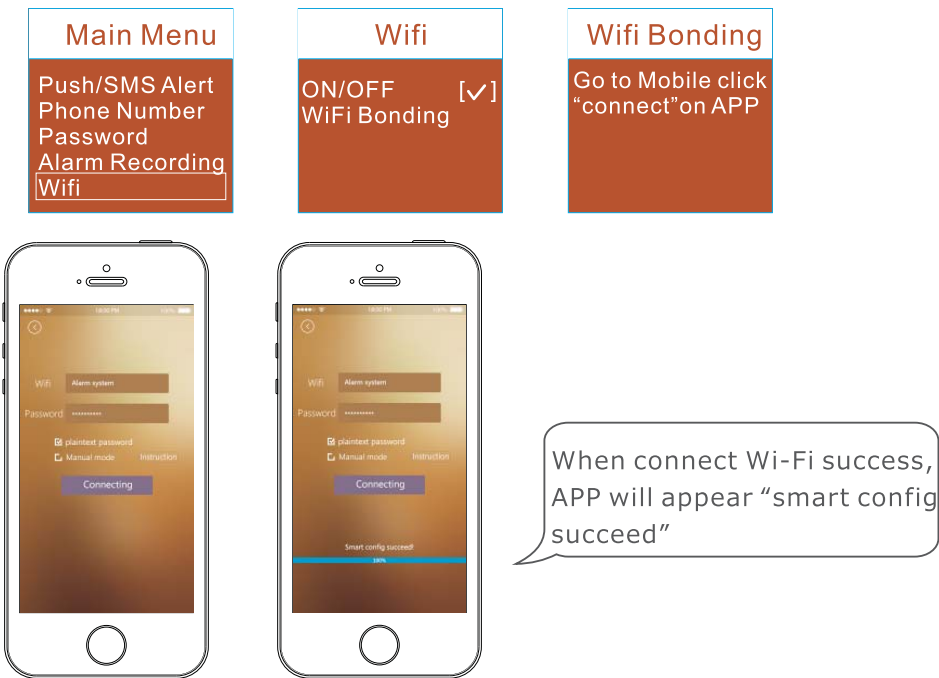
## Android:



Users can choose **Manual mode** and **Automatic mode** to bond WiFi for panel. If users choose automatic mode to connect WiFi for panel, the APP will switch from WiFi hotspot to IWTAC automatically in the background. If choose manual mode, users should manually switch WiFi hotspot to IWTAC. Users can follow the guidance to bond WiFi for panel.

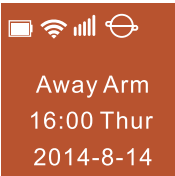
**Automatic mode:** firstly confirm that panel has charged by adapter; secondly, go to the panel main menu, choose WiFi submenu and click "WiFi bonding"; thirdly, wait until the panel screen display " Go to Moblie click 'connect' On APP"; fourthly, turn to the APP interface,

input the WiFi name and password, and then click "Connect". The panel screen will shows WiFi connection procedure automatically. When it shows "Success", that means WiFi connection successful.

**Manual mode:** firstly confirm that panel has charged by adapter; secondly, go to the panel main menu, choose WiFi submenu and click "WiFi bonding"; thirdly, wait until the panel screen display " Go to Moblie click 'connect' On APP"; fourthly, Turn to the WiFi menu of smartphone, click the "IWTAC"; finally, turn to the APP interface, input the WiFi name and password, and then click "Connect". The panel screen will shows WiFi connection procedure automatically. When it shows "Success", that means WiFi connection successful.

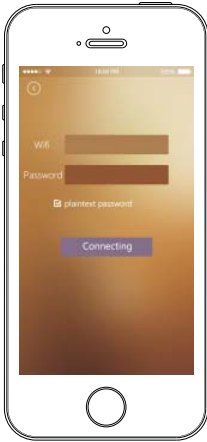


When both wifi icon  and server icon  appeared on first page, then means alarm host connect Wi-Fi network successfully.



## IOS:

Firstly, enter APP WiFi setup interface.

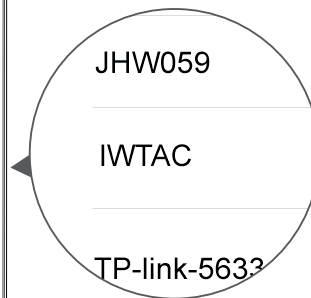
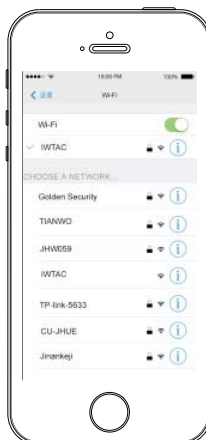
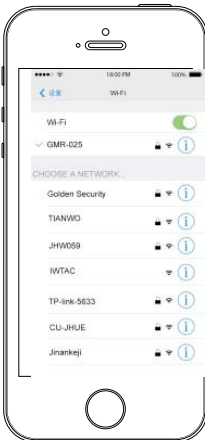


Secondly, turn to alarm host, power the panel with adapter, log into host main menu on setting, find WiFi menu and then choose WiFi bonding.

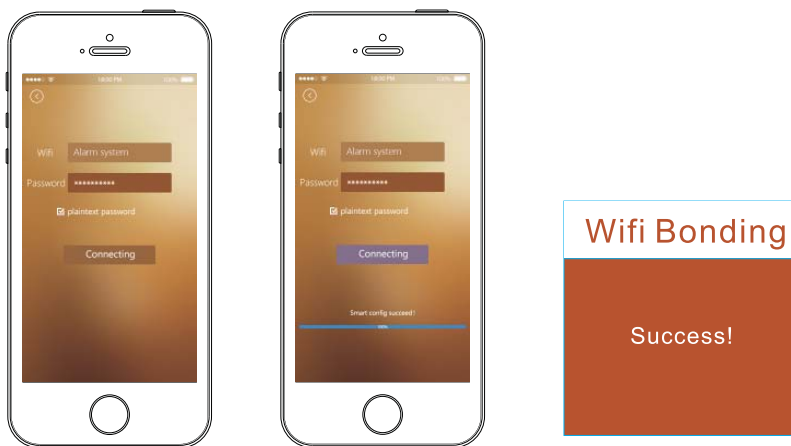
Main Menu	Wifi	Wifi Bonding
Push/SMS Alert Phone Number Password Alarm Recording Wifi	ON/OFF WiFi Bonding [✓]	Go to Mobile click “connect” on APP

Now, panel enter AP mode



Thirdly, after the LCD display “Now AP mode click ‘Connect’”,users now press “home” button on iPhone to enter smart phone main interface, find the WiFi setting page. At this time users can see the IWTAC hotspot which is also the hotspot of panel showed on iPhone. Users can connect iPhone with this hotspot, no need to enter password.



Fourthly, after successfully connect iPhone with IWTAC, users now can operate APP, enter WiFi name and password . Click “Connecting”, then panel and APP enter bonding process.




Fifthly, wait several seconds, then notification of operation succeed will pop up both on panel and APP.

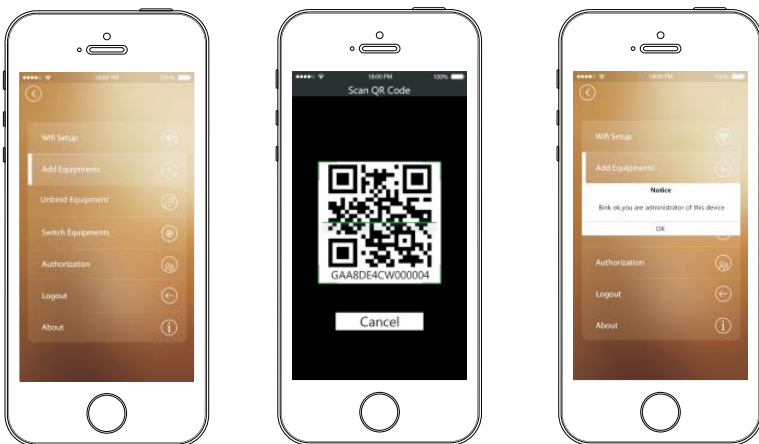
Finally, after bonding success, APP will exit WiFi setup interface. When both wifi icon  and server icon  appeared on first page, then means alarm host connect Wi-Fi network successfully.

Now users can add equipment via using APP scan the QR code(take below "Add equipment" for reference). After adding equipment successful, users can use APP control the panel.

**Note:** when external power is cut off, alarm host will stop work with Wifi network. Its backup battery will support the host work with GPRS and GSM network,as backup battery can't support Wifi working.


## Add equipment

Firstly, log in APP application, click  button at top right corner in APP main interface. Then Choose sub-menu "add equipment",popping the below picture to scan the QR Code.




Note: for IOS APP, after users successfully bond WiFi for alarm panel, users need manually set iPhone reconnect with WiFi network; or users can wait about one minute so that iPhone will automatically reconnect with WiFi network. Then users can add equipment.

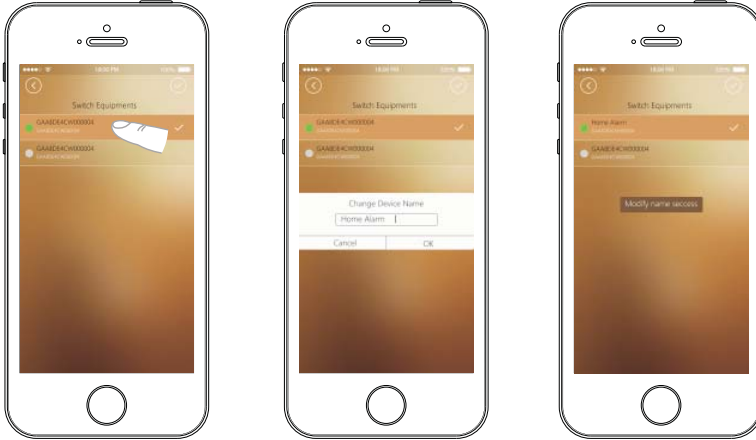
## Unbind equipment



Firstly, log in APP application, click  button at top right corner in APP main interface. Then Choose sub-menu “Unbind equipment”,popping the below picture ,user can touch “Unbind” to unbind the present equipment. Once unbinding success, popping tip “OK”.



## Switch Equipment


First, log in APP application, click  button at top right corner in APP main interface. User can touch “Switch Equipment”,popping the below picture ,and Short touch device name to switch the system.

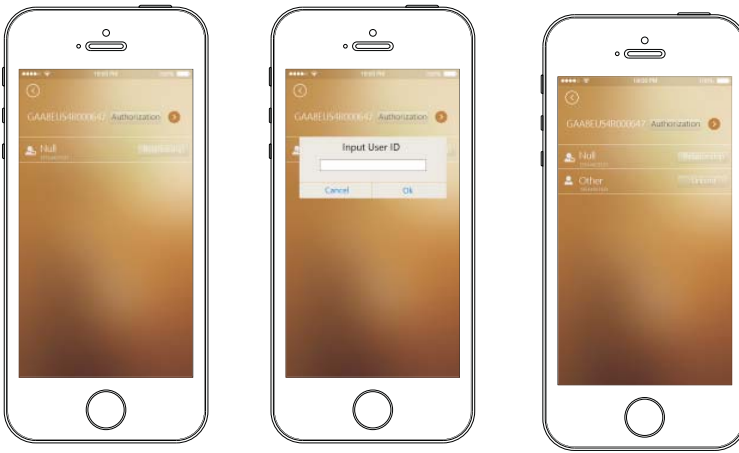


1.The icon  turns green, means this device is online;if the icon  turns gray, means this device is off line.For example in picture 1 device name GAA8DE4CW000030 is online and GAA8DE4CW000003 is off line.

2. Long press device name showed as picture 2 to revise device name. it will pop-up the dialog box as picture 3,input the new device name in dialog box, touch ok button to confirm. After appear the tip “modify name success”,then modify device name succeed.

## Authorization

The APP administrator can give authorization to other 3 users. Maximum 4 user ID can use APP to control alarm host . The other 3 users need to download APP and sign up (Register) firstly and get the right to be authorized, then administrator can successfully give authorization. Operations as below: log in APP application, click  button at top right corner in APP main interface. Then Choose sub-menu“Authorization”.



Click “ Authorization” button. For Android smartphone, users can choose “ Phone address book” and “Input user ID” to authorize 3 other users. For iPhone, users can only choose “Input user ID” to authorize 3 other users. User ID is the phone number of other user who need to be authorized.

The default administrator name is “NULL”, users can press the “Relationship” button and then revise administrator name.

**Note:**authorize 3 phone No. at most.The 3 authorized users can control panel directly without scan QR code again..

## Logout

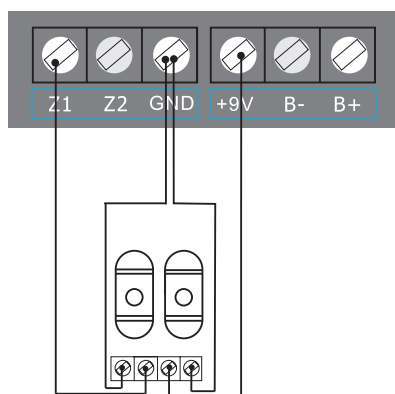
User can touch  button to return to login page.

## Wired zones sensor connection

Only mainstream wired sensors will be introduced here, such as wired beams, wired indoor PIR sensor and wired door sensor. These three kinds of wired sensors powered by panel, so users need to connect them with panel power terminal.

### Wired Beams

users need to connect beams positive wire with +9V power terminal on panel and connect beams negative wire with GND terminal on panel. Wired beams signal output terminal should be connected with Z1/Z2 terminal on panel, the other output terminal should be connected with GND terminal on panel.

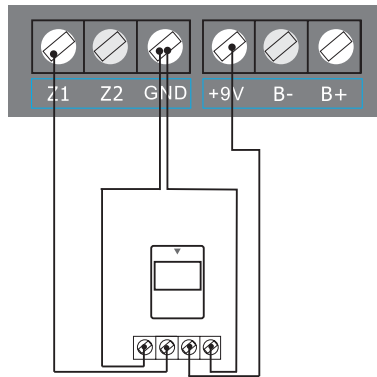


**Note:** For wired beams detector, its power consumption is a little large, so if install over than 2 pairs beams, need to use external power supply.

### Wired PIR motion sensor

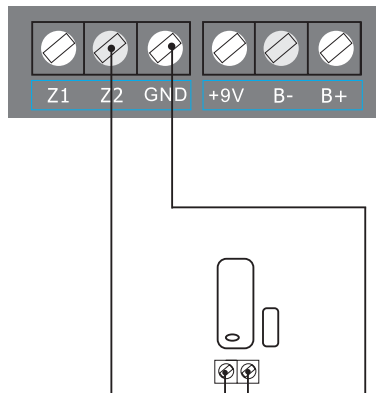
users need to connect PIR positive wire with +9V power terminal on panel and connect PIR negative wire with GND terminal on panel. Wired PIR signal output terminal should be connected with Z1/Z2 terminal on panel, the other output terminal should be connected with GND terminal on panel.



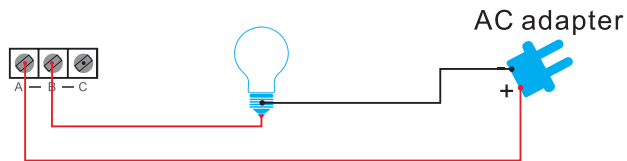
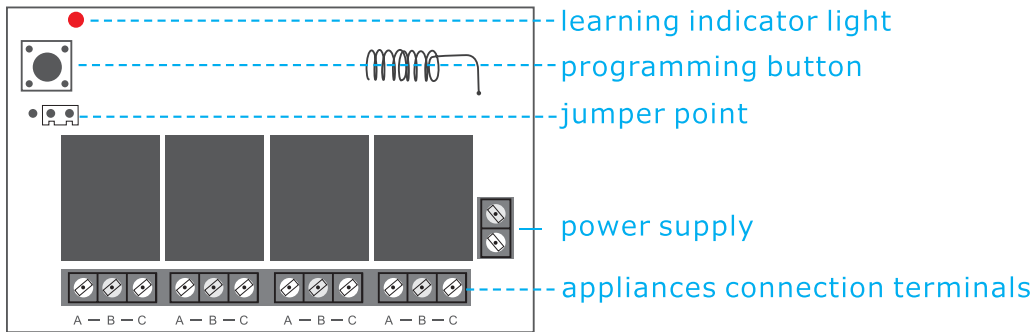


## Wired door sensor

users need to connect one output terminal with Z1/Z2 terminal on panel and connect the other output terminal with GND terminal on panel.



# Wireless relay output



## Attention:

When you plug the Jumper between the 1, 2 pins, four bulbs will simultaneously be opened and closed, or opened /closed several of them; when Jumper between the 2, 3 pins, you can only turn on one bulb once, for example, if you have already opened the '1' bulb, when open the "2" bulb, the '1' bulb will go off.



There are four groups of "A/B/C" in a relay and one group will control one set of circuit. As known to all that only a closed circuit formed the appliance works, that's to say the relay is a switch in this circuit.

For example: If you would like the beside lamp controlled by the first group, simply cut off the Fire Wire of bedside lamp circuit and reconnect the two sides of A B. Of course, you can also be cut off the zero line to plug in A and B of the first group as well. Same goes for the second, third and fourth group.

# Maintenance

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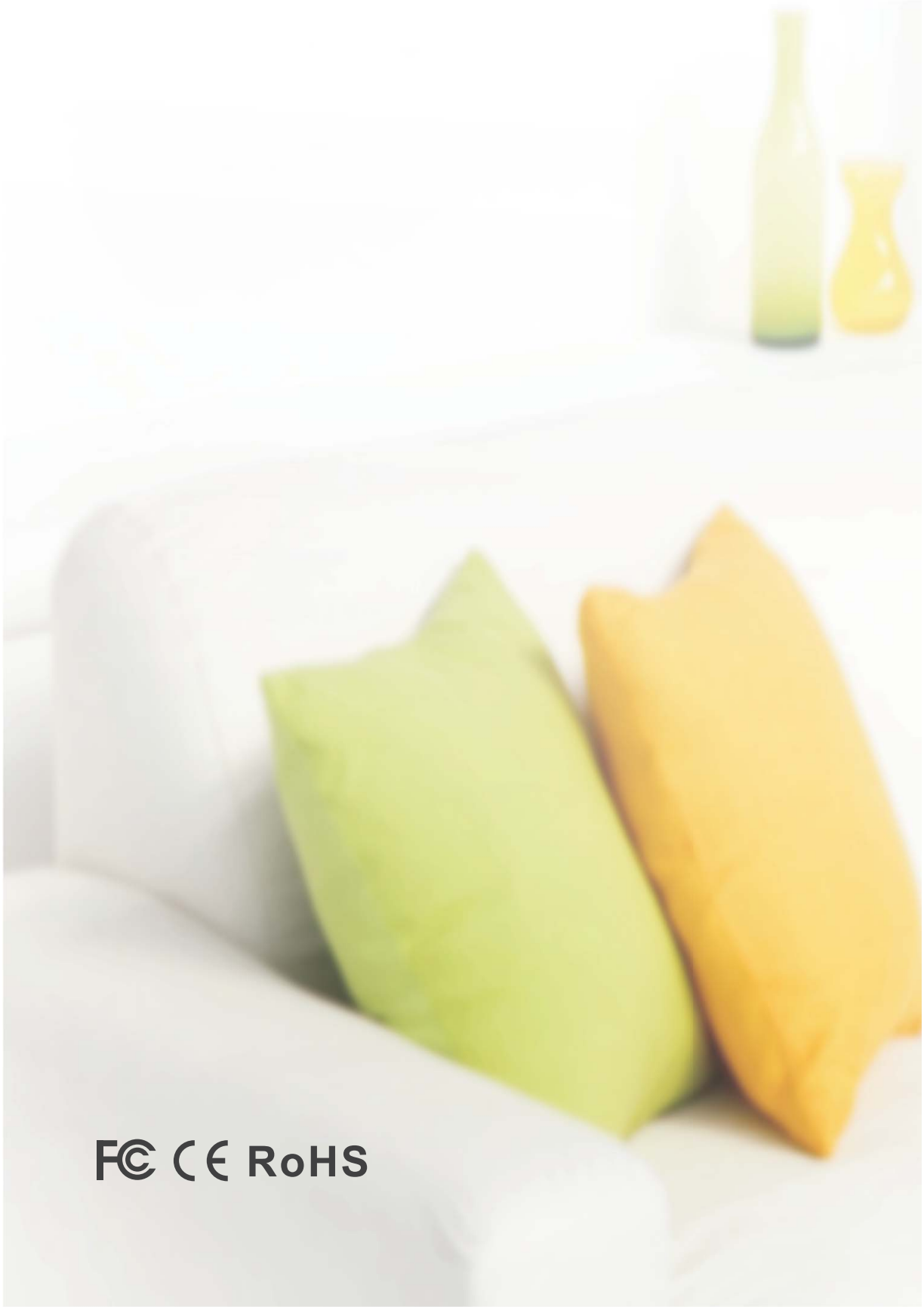
## System detection

Alarm system need regular care and maintenance and detection to ensure they work stable, reliable and safe. Normally the host needs a thorough inspection every 3 months and the detectors need to be checked once a month.

- ❗ Whether the host normally dials up the telephone numbers.
- ❗ Whether the host can receive detector signal and whether its backup battery works.
- ❗ Wauually trigger detectors to check whether they trigger panel alarm.
- ❗ Check batteries of all detectors to see whether they are under voltage.

## Notice

Alarm equipment, for explosion-proof design, shall not directly be used in hazardous location. Do not dismantle, repair and modify products privately. Without permit and consent from relevant department, do not directly set "110", "119" or alarm phone number of police station as alarm phone number of the host.



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