

# User manual (2G/3G)

## Instruction

### Chapter 1 System Introduction

4.3 inch TFT color screen with built-in powerful CPU master and excellent full touch screen menu alarm system. Embedded with high quality voice and clock chip, it is a high-end GSM/WIFI or WCDMA/WIFI alarm system. The host can connect PIR motion sensors, door contacts, smoke detectors, gas detectors and emergency button accessories etc. Alarm zone number will be displayed on the host once alarm, siren will be triggered too if available, the preset numbers will be gotten SMS or dialed at the same time. Meanwhile, the host will send alert inform to the preset mobile. It's widely used in houses, factories, schools, shops, villas, communities and other public place where need to be protected, and comprehensive guarantee personal and property safety.

### Chapter 2 Function Features

1. 4.3 inch color display, humanized menu, operation with voice prompt, easy to use
2. Support connect 2.4G WIFI network, easy network connection.
3. Support prompt message reminding, the alarm information can be sent to APP in time
4. Apple store & Android support, one set cellphone can bound lots of K5 control panel in App
5. Two way communication; Never lost phone number even power off
6. Remote control panel to arm, disarm, Monitor, ON/OFF siren switch
7. Support GPRS function, upload arming information to server, remote control panel function through computer software
8. Support CID number, compatible international ID contact
9. Max 99 zones, each zones have 8 different zone name, each zone can be separated arming and disarm
10. 1 group wireless linkage smart socket, 1 set wireless siren
11. Max 99 remote control and 99 detector

- 12. Black box, it can display the latest 99 disarm records and 99 arming records
- 13. Low battery reminding, Anti- tamper function
- 14. Build in larger capacity battery, Back up battery for power off
- 15. Power off& call reminding

### Chapter 3 Host Installation

Host should be installed in the central position of the guard area to receive the signals from detectors best. Keep away from large mental objects or appliances with high frequency interference, meanwhile; avoid the reinforced concrete walls and fire doors barriers etc.

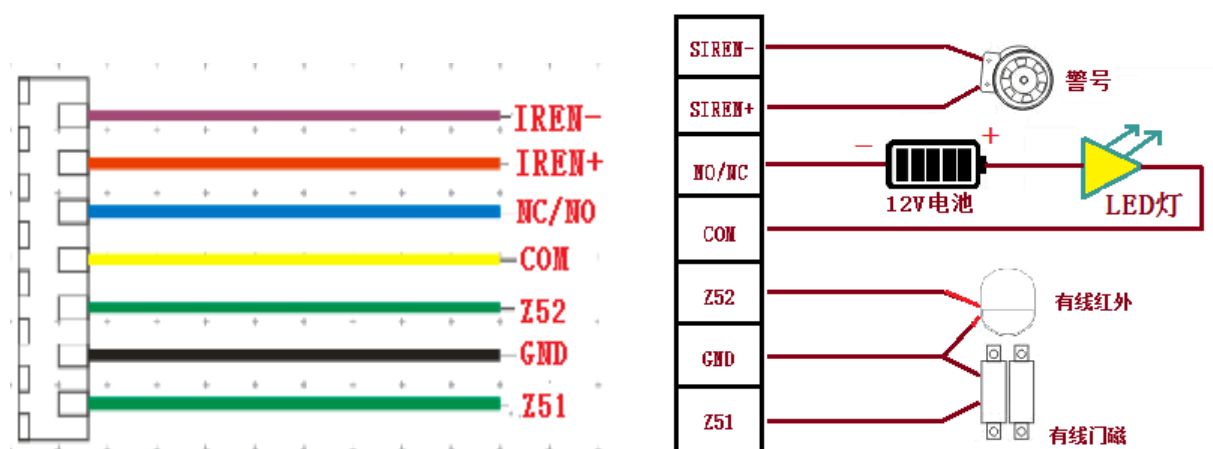


## Rear of main panel

### Wiring Terminal

Sequence of terminal line:

(Ps: NO/NC and COM only can link with DC weak current, low than 36V)



警号: Siren 电池是: battery 有线红外: Wired infrared 有线门磁: Wired magnetic contact

## Chapter 4 Operation and Setting

### 4.1 Initial Power-on

According to the installation method, insert the SIM card to the card slot in the side of the host panel, then put the output of the powered adapter in the power supply hole of the host. At this time, host voice prompts “Welcome”, and switch the back-up battery to the ON status.

### 4.2 Arm

Arm refers to a full range of on-site alarm detection alert when nobody at home; All detectors are in working state, when there is danger (theft, fire, gas leak etc) trigger the detectors, the host will alarm immediately. Arm icon will be shown the screen after arm setting.

### 4.3 Disarm

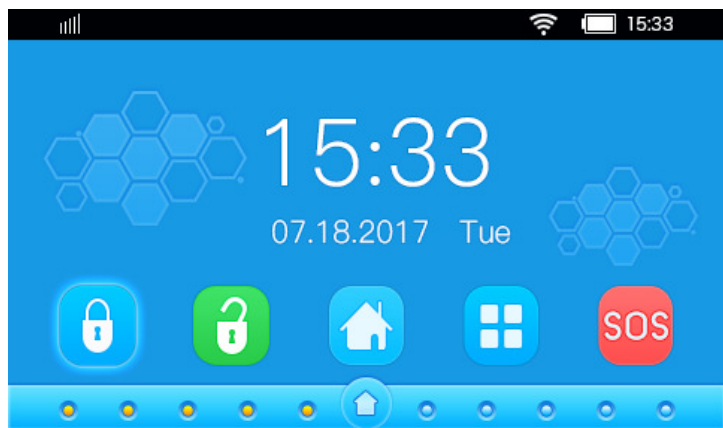
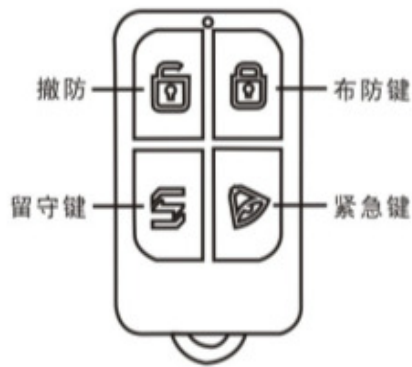
Disarm refers to host panel stops the alarm or make the alarm system in a non-alert state. After disarming, when detectors are triggered, the host doesn't alarm (except the detectors of emergency zones and the emergency button on remote control). Disarm icon will be shown the screen after disarm setting.

### 4.4 Home Arm


Home Arm refers to when someone at home, and for safety, the detectors in the perimeter area like doors, windows, balconies are in working state but the detectors indoor don't work in case of the false alarm if triggered by user himself, then the user chooses HOME to let some detectors work and other detectors not work. HOME function needs to be set that is the defense zones of the interior detectors should be changed to be home zones in order to work properly. Home icon will be shown the screen after home setting.

### 4.5 Emergency Alarm

When an emergency occurs, press Emergency key on the remote control or long press 【SOS】key at host in standby state.



**Disarm, Arm, Stay home, SOS**

Click  icon, turn into the menu and choose to set.

**4.6 Alarm Number**

The panel will call the alarm number when alarming. In alarm number page, 8 groups of number can be set and each number can be optional for call, SMS or CID.

Delete all alarm number: select **【Delete all】** in the last page.

**4.7 Accessories Management**

**4.7.1 Remote Control**

**1. Program Remote Control**

On remote control page, there are 99 zones in the page, press key **【ADD】** at the top-left corner to enter remote control study page. There is prompt [pairing, trigger remote controller]. At this moment, press any key on remote controller to send a signal to host, host sounds “Learn success” and the number displayed on the screen XX added one, which means the RC has been programmed to the host, which means the remote control has been programmed to the host as shown in Picture4-5; If there is wrong voice prompt when pressing remote control, and it means that the remote control has been learned to the host already and couldn't be programmed repeatedly. To learn more remote controls, press any key on other remote controls. The host can study as most as 99 different remote controls.

Attachment	Total:00	01/25
Remote		
Sensor	01 Zone. 00Pcs	Sound On
Wireless Siren	02 Zone. 00Pcs	Sound On
Wireless Socket	03 Zone. 00Pcs	Sound On
Sensor tamper	04 Zone. 00Pcs	Sound On
Wired Socket		
Wired Zone		

**2. Delete Remote Control**

Delete remote control: enter the zone needed to be deleted, press to enter delete page; and then select to delete remote controller individually or delete all the remote controls in the zone by long press the zone.

Delete all remote controllers: enter RC page, press the [delete all] in the last page.

### 3. Remote Control SND Sound

On remote control study page, select sound ON then the external siren would beep “Di Di” when use the remote control in this zone to arm/disarm.. Select sound OFF, then whenever you press the RC to arm/disarm, host siren won’t make a sound. Factory default of the sound is ON.

Note: there are two kinds of host siren: one is external wired siren; the other is wireless siren.

### 4.7.2 Detector

#### 1 Program Detectors

There are 99 zones in the page, and it displays the number of detectors learned, siren state, event code, and zone attribute in each zone. To enter detector study page and press **【ADD】**, At this moment, trigger detector to send a signal to host, host beeps “LEARN SUCCESS” and the number displayed on the screen XX added one, there is prompt [pairing, trigger remote controller] in the page, which means the detector has been programmed to the host; If there is wrong voice prompt when triggering detector and it means that the detector has been learned to the host already and couldn’t be programmed repeatedly. To learn more detectors, continue to trigger other detectors. The host can study as most as 99 different detectors.



Attachment	Total:00	01/25
Remote		
Sensor	01 Zone. 00Pcs	Siren On Delay: On Instant Thief
Wireless Siren		
Wireless Socket	02 Zone. 00Pcs	Siren On Delay: On Instant Thief
Sensor tamper	03 Zone. 00Pcs	Siren On Delay: On Instant Thief
Wired Socket		
Wired Zone	04 Zone. 00Pcs	Siren On Delay: On Instant Thief

#### 2 Delete Detector

Delete detector: enter the zone needed to be deleted, press to enter delete page; and then select to delete detector individually or delete all detectors in the zone by long press the zone.

Delete all detectors: enter detector page, press the [delete all] in the last page.

#### 3 Alarm sound ON/OFF

Shown the first list on detector page, select zone alarm sound ON/OFF. If select [green], the host will alarm if there is an alert in this zone. If select [gray], the host will not alarm if there is an alert in this zone. The factory default of alarm sound is ON.

**Note: the siren in this function includes internal and external siren.**

#### 4. Attribute of Zone

The fourth row in the interface displays the default attribute of the zones. If Normal is displayed, the

zone's attribute is normal. Press the attribute and you can select : **【1】Normal,【2】Stay,【3】Intelligent, 【4】 Emergency, 【5】 Close, 【6】 Chime, 【7】 Welcome, 【8】 Intelligent Stay.**

Note: NORMAL: The Panel only works on the arming status. When disarming, there is no response.

STAY: Can be shut off solely through the remote control (keyboard) to avoid the Infrared Detectors and other in-room detectors from misinformation when master is resting at home. For instance, a user adds a door alarm to No.1 Zone whose attribute is Normal and a adds PIR detector to No.60 Zone whose attribute is Stay. When he makes the panel on Stay status and walks at home, the PIR detector will send signals to the panel but the panel will not alert. If the door is open, the door alarm will work and the panel will alert.

INTELLIGENT: On arming status, the host will alert only when you trigger it second time within 5-30 seconds after first triggering.

EMERGENCY: No matter on arm or disarm status, if detector is triggered, it will alert. Usually use in connecting with Smoke Detectors, Gas Detectors and emergency button, etc.

CLOSE: No matter arm or disarm status, detectors will not alert even being triggered.

CHIME: No matter on what status, when sensor of this zone is triggered, a welcome doorbell will ring as notification.

WELCOME: Working on disarming status, when sensor of this zone is triggered, a welcome voice message will be played. While in arming status, system alerts.

INTELLIGENT STAY: On arming status, once trigger the sensor in STAY zone, the host will alarm only when you trigger it second time within 5-30 seconds after first trigger.

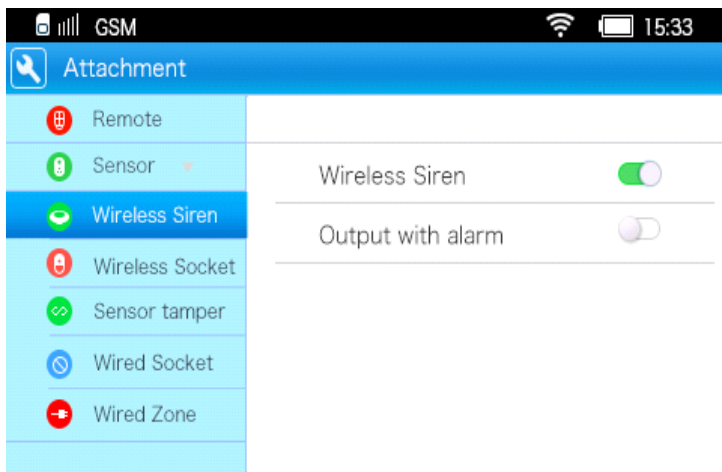
## 5. Network Event Code

On detector learning page, press the fifth item to move the cursor to Event Code. The fifth row in the interface displays Press Event Code. Seven types optional: **【1】 Medical, 【2】 Fire, 【3】 Robbery, 【4】 Silent Robbery, 【5】 Burglar, 【6】 Perimeter, 【7】 Gas.**

The Event Code can be updated to the server for the security monitoring.

## 4.8. Wireless Strobe Siren

Enter the interface of wireless strobe siren.



## 1. Programming the wireless siren

How to program: set the wireless siren on standby status; in the wireless siren page of the panel, switch [wireless siren] on or off, the host will send a signal; wireless siren will ring with sound “DiDi” and flash 2 times after receiving the signal, exist the programming status by pressing the setting button of the wireless siren.

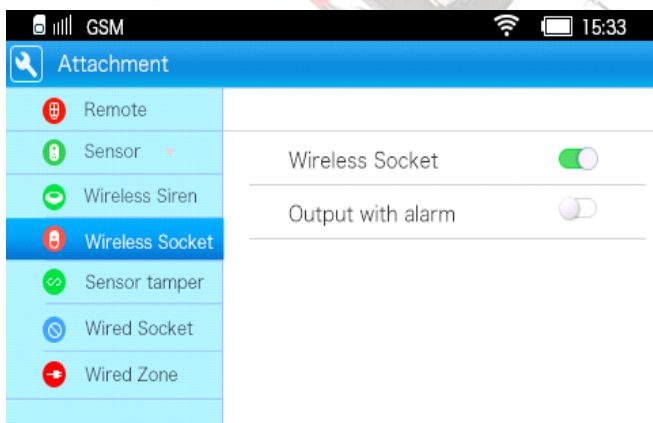
Check if program successfully: after the wireless siren exists program state, on the wireless siren page of the panel, switch [wireless siren] on or off. If it is off, “DiDi” sound played; if it is on, the wireless siren will alert, which means it has been programmed successfully.

## 2. Wireless Siren Alarm

In Wireless Siren page, switch the wireless siren on or off, and press [OK] to save. The default status is on. If the wireless siren is on, the wireless siren will alert when the host alerts, and the alarm will stop if the panel is disarmed or it stops alarm. If the wireless siren is off, the wireless siren will not alert when the panel alerts.

## 4.9. Wireless Alarm Linkage Switch

The wireless alarm linkage switch page:



## 1. Programming Smart Socket

How to program: set the smart socket on standby status; in the smart socket page of the panel, switch [smart socket] on or off, the host will send a signal; the indicator of smart socket will flash two times after receiving the signal, it means it has been programmed successfully. Press the setting button of smart socket to exist.

Check if programmed successfully: after the smart socket exists program status, switch [wireless socket] on or off, if it is off, the indicator light will be red; if it is on, the indicator light will be blue, which means it has been programmed successfully.

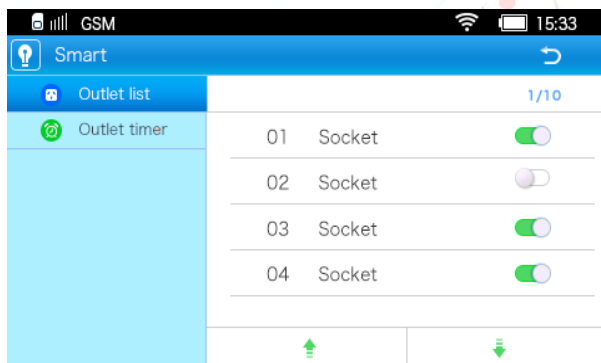
## 2. Alarm Linkage

In the wireless socket page of the panel, switch output with alarm on or off. The system default status is on. If output with alarm is on, the smart socket will be on when the panel alarm, and the smart socket will be off if the panel is disarmed or panel stop alarm. If output with alarm is off, the smart socket will not be on when the panel alarm.

## 4.10 Smart Appliances

### 1. All sockets

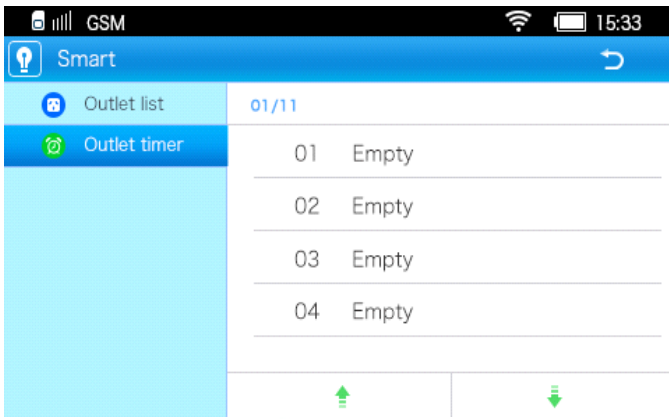
Switch the smart socket on or off by pressing the button on or off on the panel. There are 20 groups smart socket, so at least 20 smart sockets can be programmed. The smart sockets' default status is off. The programming way is the same as the wireless siren. After programming successfully, control the switch through the panel or APP or the timing function.



### 2. Timing switch

Up to 40 groups' timer are settable. "Time" "Outlet No." "Operate" "Week" can be set.





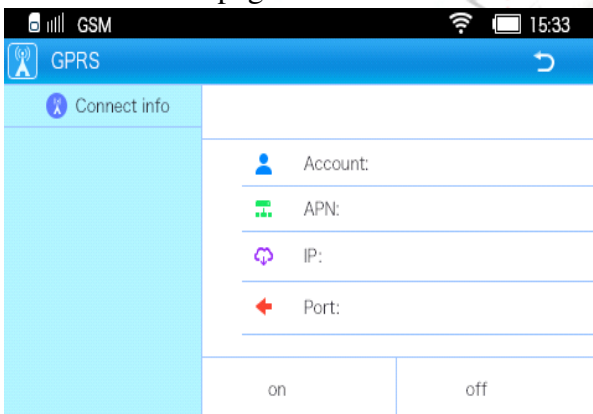
### 3. Delete timing switch

Delete a single timing switch: go to outlet timer page, press one group timer and hold, dialog [edit/ add] will pop up. Select [edit/add] to edit the settings; select [delete] to delete the timing switch.

Delete all groups of timer: at the top right corner of the timer switch page, press Delete All choice to delete all timer settings.

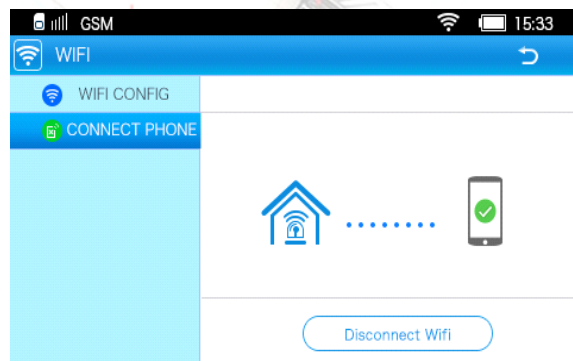
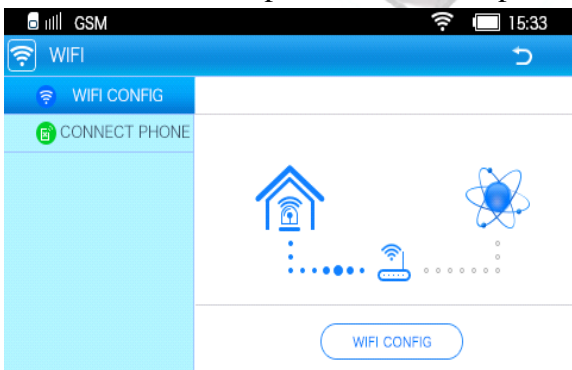
### 4.11 GPRS

Mobile network page. The default is off. For setting method, please refer to chapter 6.



### 4.12 WIFI

Connect to WiFi by pressing Connect WiFi; delete all users by pressing Delete all users. For connection method, please refer to chapter 7.




### 4.13 Phone Call


In the dial no. page, user can dial number, like using amobile phone.

#### 4.14 Recording

When the panel alerts, the recording message set in advance will be displayed first.

How to set the recording:

Press button  to record, the longest length of time is 10s, so the voice alert should be clear and simple. For example: "this is \*\* home, intruder breaks into, please help". 10s later, it exists automatically. You can press the recording button to exist in advance.

After the recording is finished, press  button to display to check whether the recording is right or not.

#### 4.15 Panel Setting

##### 1. Common Setting

Common settings include key tone, ready to arm, SMS reply and arm/disarm tone of the keypad.

##### Key tone

When it is on, press buttons, the panel will "drop" a sound. When it is off, the panel will not make a sound if press buttons. The factory default is On.

##### Ready to arm

This function is for checking whether the door is closed. When it is switched on, and the door is open, the system will not arm and make voice prompt "\*\*\*zone error", that means the door sensor is open, the system will be armed till the door sensor close. If this function is off, no matter the door is open or close, the system can arm.

##### SMS reply

In the page of SMS Reply, "YES" or "NO" is optional. When setup the system by sending SMS, choose "YES", and the system will send one feedback SMS to sender about whether the setting is successful. The default status is on "YES"

##### Arm/Disarm tone of the keypad

If it is on, the external siren will "drop" sounds when arm/ disarm the panel through keypad. If it is off the external siren will make no sound when arm/ disarm the panel by remote controls. The factory default is on.

##### 2. Volume adjustment

Voice volume: voice prompt volume of the panel with level 0-7. 0 means voice prompt mute, 7 means the maximum volume. The default voice volume is 5.

Alarm volume: the alarm volume when the panel alerts with level 0-7. 0 means voice alarm mute, 7

means the maximum volume. The default voice volume is 5.

### 3. Delay Setting

#### Delay Arming

0-255 seconds settable to delay arming. On delay arming status, the host sounds DiDi every second till the delay is finished. On delay arming status, press Arming button on the panel, the system will exist delay arming and go to Arming status. 0 means no delay and host is armed immediately.

#### Delay Alarm Setting

0-255 seconds settable to delay alarm. On delay alarm status, the host sounds Di every second till the delay is finished. 0 means no delay and the host in immediate alarm status.

### 4. Auto Arm/Disarm

In the page of Auto Arm/Disarm, 8 groups Auto Arm/Disarm are settable. "time" "arm/disarm" "week" can be set.

#### Delete auto arm/disarm

Delete one group auto arm/disarm: press and hold the group that you want to delete, dialog [edit/delete] will pop up. Select edit to edit the settings; Select [delete] to delete the auto arm/disarm.

Delete all groups auto arm/disarm: in the page of auto arm/disarm, press the right corner in the top to delete all settings.

### 5. Arm/Disarm SMS

In arming/ disarming SMS notification page, the user can select the desired SMS notification after choosing [SMS] function for the alarm numbers.

### 6. Time and Date Setting

In the Time and Date Setting page, users can set time and date, achieve the time of router network when it works.

### 7. Language Setting

In the language setting page, users can select the desired language.

### 8. Alarm Time

Alarm time: up to 20 minutes. Input 0 to disable siren. The factory default is 1 minute.

### 9. Ring Times

Ring times: the times of the panel's ring when users remotely call the panel. The ring times is up to 20. Input 0 to disable the remote control function, and it means the host cannot answer the call. 20

indicates that the panel answers the call after 20 continuous rings. The factory default is 1 minute.

## 10. Sleep Time

In “sleep time” page, there are "30 seconds", "1 minute", "2 minutes", "5 minutes", "10 Minutes", "Never" six options. The factory default is 30 seconds, indicating that if the host is not operated within 30 seconds, the screen will be off. “Never” means the screen does not automatically turn itself off.

## 11. Security Setting

[password],[administrator password]and [PIN code] are settable in security setting.

Password: user password is of 4 digits, restricting the access of others. When lock is “on”, entering your user password can only make the panel arm/ disarm/ stay arming. There are 8 groups of user password and the factory default is 1234.

Administrator Password: Administrator password is of 6 digits, enter the administrator password to enter the menu to set the panel. It can also be used for remote setting, telephone, SMS settings and query. The factory default administrator password is 123456.

PIN Code: Switch on PIN code, input PIN to make SIM recognized by the panel; switch off PIN code, SIM is recognized by the panel automatically. The factory default of PIN code is OFF.

## 12. Power Alarm

In the page of power alarm, there are four choices: Panel Power Off, Panel Power On, Panel Low Battery, and Detector Low Battery.

### Panel Power Off

When “Panel Power Off” is chosen, four choices pop up: Voice, Siren, SMS, and Call. User can choose the desired one. If all are chosen, the panel will announce the power is off, alert, send a message and call when the power is off to remind users in order to avoid unnecessary loss.

### Panel Power on

The same with above, user can choose different choice according to their needs.

### Host Low battery

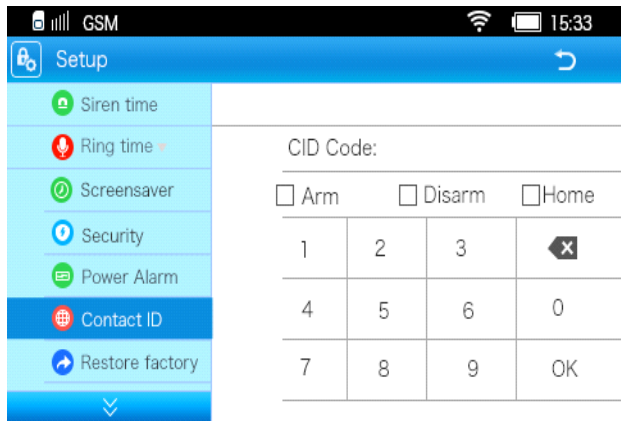
The same with above, user can choose different choice according to their needs.

### Detector Low battery

The same with above, user can choose different choice according to their needs.

## 13. Network center

CID No. is the account which is shown on the network center, upload information accordingly.

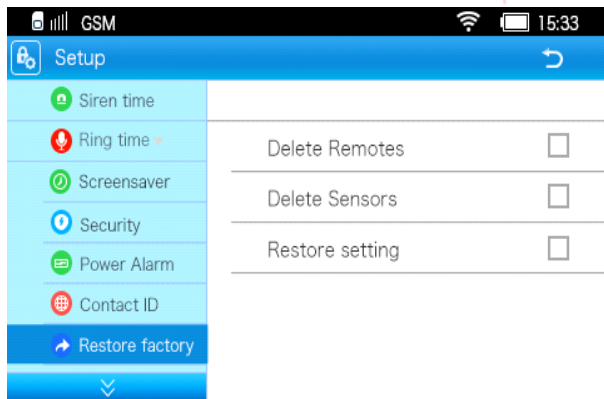


#### 14. Restore to factory setting

**【Delete all Remote Controls】:** Delete all programmed remote controls.

**【Delete all Detectors】:** Delete all programmed detectors.

**【Restore to all setting】:** Except the added remote control, sensor, smart socket, siren and language can not be deleted, other settings can restore to factory setting.



#### 4.16 Black Box

##### Arm / Disarm Log

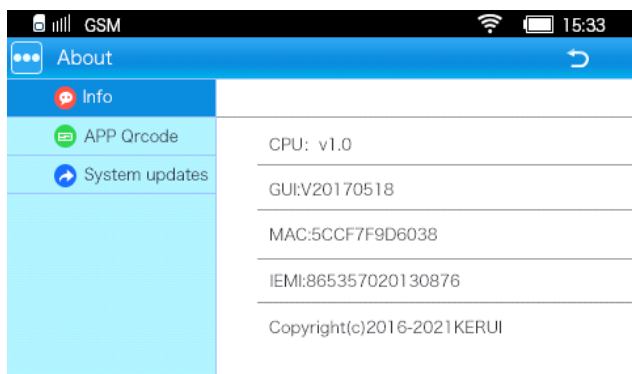
In the page of black box, 99 arm/disarm recording can be shown at most, for each recording, it can show the date, time, type(the main system, remote control, sms, wifi, gprs) for arm/disarm/home

##### Alarm Log

In the page of black box, 99 arm/disarm recording can be shown at most, for each recording, it can show the alarmed zone, date, time, etc.

#### 4.17 About Me

Some information about the panel, App barcode, software version and so on.



## Chapter 5 SMS Setting and Command Chart

In addition to set parameter through host menu, SMS or Fetion can also set panel parameters. The form is as below: **【Administrator password】 + 【Command number】 + parameter 1 + parameter 2 + parameter 3 + parameter 4 + parameter 5**. All commands begins with administrator password, and system's initial password is 123456, users can change system password, and since then users should use the modified password, or host will not response to the commands.

Note: "123456" in the above table indicates the administrator password. After changing the password, choose the revised password.

N O	Name	Com mand No	Parameter 1	Parameter 2	Parameter 3	Parameter 4	Parameter 5	Example
1	Disarm	0						1234560 disarm
2	arm	1						1234561 arm
3	stay	2						1234562 stay arm
4	callback	3						1234563 alarm system callback
5	Linkage socket open	4						1234564 Linkage socket open
6	Linkage socket off	5						1234565 Linkage socket off
7	Query status	6						1234566 query arm&disarm, power adapter, linkage socket
8	Set telephone number	10	01~08 Set up Group N phone number (up to 8 groups)	13899998888	123 1-Alarm call 2-Alarm SMS 3-CID			123456100113899998888,12 Set the first group of phone numbers, phone, SMS
9	Delete telephone number	10	00 or 01~08 00: Delete all numbers					1234561005 delete group 5 telephone number
10	query telephone number	11	01~08 1~8 group					1234561108 Query group 8 telephone number

11	set zone property	12	01~99 01-99 zones	1 indicates the alarm when the sound alarm 2 indicates that the alarm is not sound alarm	1 - ordinary zone 2 stay zone 3- intelligent zone 4- Emergency zone 5 - Close the zone 6 - door bell zone 7 Welcome area 8 - the old area	1 - Medical 2 - fire 3 - robbery 4 silent 5 - burglary 6 - perimeter 7 gas		12345612511141 Set 51 zone, alarm, ordinary, silent
12	Query zone property	12	01~99 01-99 zone					1234561255 Query the 55th zone property
13	Set the remote control properties	13	01~99 01~99 <sup>th</sup> remote controls	1 indicates remote control sound 0 means no sound				12345613200 the 20 <sup>th</sup> remote control no sound
14	query remote control properties	13	01~99 01~99 <sup>th</sup> remote controls					1234561333 query 33th remote control has sound or not
15	Appliance control	14	01-20 01-20 <sup>th</sup> smart socket	1 means closed 0 means off				12345614011 1 <sup>st</sup> Smart switch closed
16	Check the home appliance status	14	01-20 01-20 <sup>th</sup> smart socket					1234561405 Check the switch status of No. 5
17	Home appliance timing settings	15	01-40 01-40 group timing	01-20 01-20 <sup>th</sup> smart socket	1-regular closing 0-Time off	08:00 time	1234567 week	1234561501031080012345, Set the first group timing, No. 3 socket every week 8:00(12345), the regular closing time
18	Remove the appliance setting	15	00 or 01-40 group timing 00 means to delete all timings					1234561502 Remove the second set of appliance timing
19	Check the appliance settings	16	01-40 group timing					1234561601 Query the first set of appliance settings
20	Delay setting	17	1 indicates delay alarm 2 indicates delay setting arm	0~255				12345617136 Set the delay alarm time to 36 seconds
21	Query delay settings	17	1 indicates delay alarm					123456172 Check the delay time

			0 indicates delay setting arm					
22	Timing arm and disarm setting	18	01-08 01-08 group timing	1 indicates timing arming 0 indicates timing disarming	08:00 time	1234567 week		12345618011080012345 Set the first group of 12345 timing arm for 8:00
23	Remove Timing Arm and Disarm settings	18	00 or 01-08 group timing 00 cancel all timing					1234561802 Cancel the group 2 timing arm and disarm
24	Check the timing arm and disarm settings	19	01-08 group timing					1234561901 Check the first set of timing arm and disarm settings
25	Set the date and time	20	20180127-(year month date)	203000 (time)				1234562020180127203000 Set the time for January 27, 2018 20:30 minutes 00 seconds
26	Query system time and date	20						12345620 Query system time and date
27	Set the volume	21	1 indicates the voice volume 2 indicates the alarm volume	1~7				1234562125 Set the alarm volume to level 5
28	Query volume	21	1 indicates the voice volume 2 indicates the alarm volume					123456211 query the voice volume
29	Set the alarm beep time	22	00~20 0-20 minutes					1234562205 Set the alarm sounding time is 5 minutes
30	Query the alarm sounding time	22						12345622 Query alarm when the alarm sounding time
31	set the number of rings	23	00-20 0-20 times					1234562308 set the number of rings to 8 times
32	Query the number of rings	23						12345623 Query the number of rings
33	set password	24	1 indicates the user password (4 digits) 2 indicates the administrator password (6 digits)	1234 or 123456				123456242345678 345678Set the user password to 345678
34	Query password	24	1 indicates the user password 2 indicates the administrator password					123456241 Query user password
35	Set the CID number	25	1234 4 digits CID number					123456251234 Set the CID number to 1234



36	Query CID number	25						12345625 query CID number
37	Set Arm/ Disarm Upload Center Machine	26	123/0 1 Arm upload 2 Disarm upload 3 Home arm upload 0 No Upload					1234562613 Set Arm, Home arm Upload, Disarm Not Upload 123456260 No Upload
38	Check Arm/ Disarm Upload Set	26						12345626 Check Arm/ Disarm Upload Set
39	Set Zone SMS Message Content	27	01-99 1-99 zone	ABCDEFG SMS Contents (less Than 25 characters)				1234562705ABCDEFG Set Zone 5 Alarm Message Content as ABCDEF
40	Check Zone SMS Message Content	27	01-99 01-99 zone					1234562705 Check Zone 5 Message
41	Arm/Disarm SMS notification Set	28	123/0 1 Arm notification 2 Disarm notification 3 Home arm notification 0 No notification					1234562812 Set arm/ disarm sms notification, home arm no notification 123456280 No notification to arm/ disarm/ home arm
42	Check Arm/Disarm SMS notification Set	28						12345628 Check Arm/Disarm SMS notification Set
43	SMS reply on/off set	31	0 No reply 1 Reply					123456310 Set panel no reply to the set SMS
44	Mobile data network setting	32	0 OFF 1 ON	Access point	Server IP	COM port	Account Number (Six-digits)	123456321,CMNT,,121.50.34.7,6501,000123 When the mobile network on, Access point is CMNT,Server IP 121.50.34.7, COM Port 6501, Account 000123
45	Set Ready To Arm	33	0 OFF 1 ON					123456331 Open Ready to arm function
46	Set wireless Siren and Socket automatic ON when the panel alarming	34	1—Wireless Siren 2—Smart Socket	0—Open when the panel alarming 1—Not open when the panel alarming				12345620 means set Socket No open when panel is alarming 12345611 means Set Siren sound when the panel alarming

## Chapter 6 GPRS Management

One network alarm client management software released by our company, which is low cost but powerful, can be used in alarm centers, security service companies, Police , military, financial industry, museums and other environment.

### **GPRS network:**

#### **6.1 Login management center**

Management host is also called Management terminal, which is one important man-machine communication platform, on this platform, user can deal with alarm event. user management, event operation, document management and so on.

Input the code and password of operator behind IP address, click “Confirm”, the main menu of software will appear after the data loaded.

#### **6.2 Add new user**

Click “Add new user” in “User management”, one “add new user” message pop up  
Choose the type of device, choose the partition number, input the account of device, click “Confirm”, one new user record will be built in user data, and it will appear in the users window.

#### **6.3 Alarm system networking**

Send one SMS to the alarm system, set the connecting point of network and IP address of data service, port number and account. The SMS format is **【password】+【32】+【0/1】+【,network access point,,】**  
**+ 【IP Add】 + 【,port,】 + 【account】**

For example: 123456321,CMNT,,121.50.34.7,6501,000123

**【123456】**is the default password, **【32】**is setup instruction, **【1】**turn network, **【,CMNT,,】**is network access point, **【121.50.34.7】** is IP Address, **【,6501,】** is port, **【000123】** is the account.

Noted: 1. all “,”in the instruction must be inputed in English status.

2. The account for management terminal must be the same with the alarm system account.

## Chapter 7 APP

Scan the QR code to download the app or search "K5" in App Store.



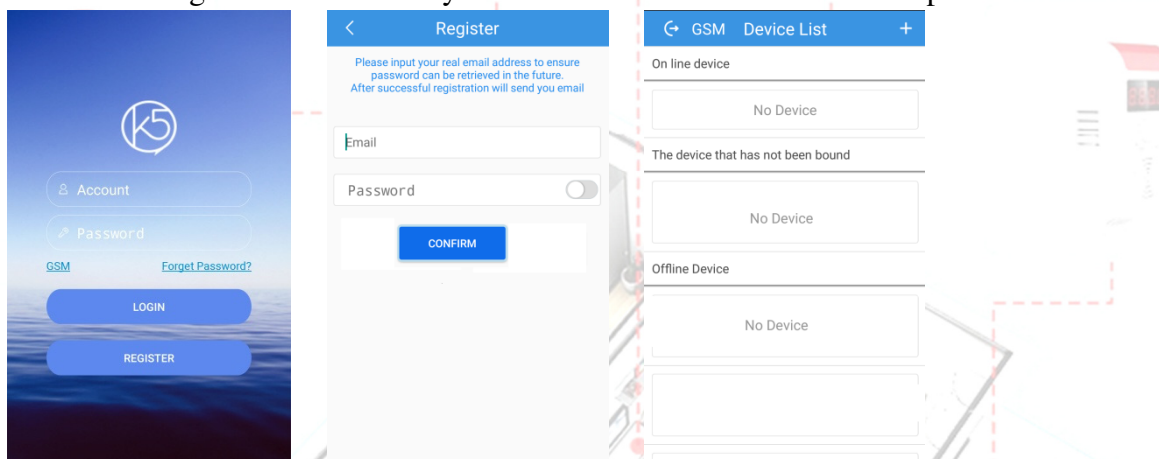
IOS



Android

### 7.1 Register

You need to register an account if you are first to use the APP. For example: Android Version,



Register by Email.: Click “Register”-Click Email Register.-Input Email and password- click “Confirm”, register finished.

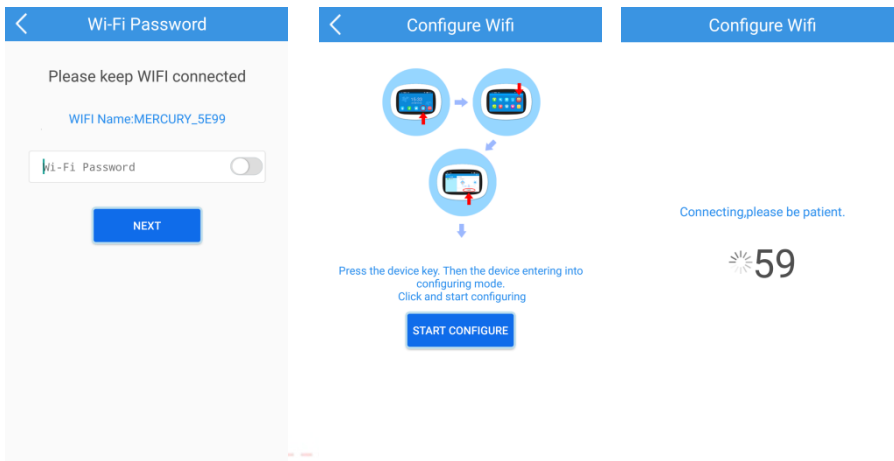
**Note:**The mailbox registration don't need to enter the verification code,make sure that the mailbox is used by you,so convenient for you to re-set the new password when you forget the password.

### 7.2 Network Configuration

1,Enter the APP 【Device List】 page,click the 【+】 icon,then enter the Add Device page and then enter the enter WiFi password page.After enter the WiFi password,click the 【Next】 and enter the configuration page,then click the “Configure” to start configuring WiFi.

2,Press the menu to enter the main page and click GPRS to enter the LAN page. Then click 【Configure WiFi】 , the host will voice prompt "WIFI configuration, please enter the WIFI password on the APP", then has entered the network configuration status.

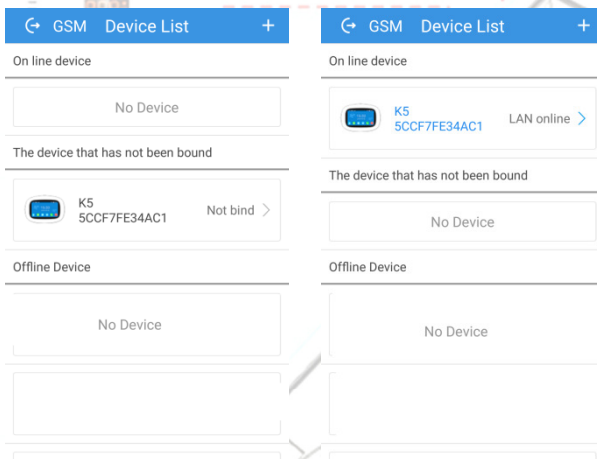
3,Finally, click 【Start Configuration】 on the APP . The APP will be 60 seconds countdown,after the configuration is successful, the device displays in the 【Unbound Device】 directory and the display status is 【Unbound】 .



**Note:**The network configuration must be done in the same WiFi.

### 7.3 Bound Device

In the APP **【Device List】**page,click the device in the**【Unbound Device】**directory, the device will bound directly to the online device directory. The APP has the function of automatically detecting other devices in the same LAN.



**Online device:**Means the device network configuration is successful and the network is available, also bound with the phone account successful.

**Offline device:** Means the device network configuration is successful and has been bounded with the phone account, but not connected to the network.

**Unbound device:**Means the device network configuration is successful and the network is available, but not bound with the phone account.

### 7.4 Device Password

After bounded the device, the**【Enter Device Password】**window will pop up, then enter the correct password (password is the host administrator password, factory is 123456) and click **【OK】** to enter the device operation page. You can operate and control the host in any place where have the network.

### 7.5 Host operation

Enter the APP operation page,there are nine function setting options **【Alarm Records】**, **【Alarm Number】**, **【ON/OFF Setting】**, **【Timing ON/OFF】**, **【Timing Arm/Disarm】**, **【Delay Arm】**,

【Ring Times】 , 【Alarm Time】 , 【Delay Alarm】 at the bottom of the page,as the picture.

The page have three buttons:the Disarm 【🔓】 ,Arm 【🔒】 ,Stay Arm 【🏠】 .

### 5.1 Alarm records

Can check the latest 99 Arm/Disarm and Alarm records in the Alarm records.

### 5.2 Alarm number

Enter the alarm number setting page, can set three alarm numbers.

## 7.6 Smart Socket

### 6.1 ON/OFF Setting

In the APP operation page, click 【ON/OFF Setting】 to switch to the smart socket control page, you can control the ON/OFF status of any one smart socket, also you can click any one smart socket to modify the socket name.

### 6.2 Timing ON/OFF

Click【Timing ON/OFF】to switch to the smart socket timing ON/OFF page,you can timing set the ON/OFF status of any one smart socket.

## 7.7 Timing Arm/Disarm and Delay Arm

### 7.1 Timing Arm/Disarm

In the APP operation page, click 【Timing Arm/Disarm】 to switch to the timing arm/disarm operation page, you can set the host timing arm/disarm according to your needs.

### 7.2 Delay Arm

Click 【Delay Arm】 to switch to the delay arm operation page,you can set the host delay arm according to your needs (The maximum delay can be set to 255 seconds).

## 7.8 Ring Times,Alarm Time and Delay Alarm

### 8.1 Ring times

In the APP operation page, click 【Ring Times】 to enter the ring times setting. (Enter the 0-20 in 【Ring Times】 , and then press 【OK】 to save the setting .0 means that the host does not accept the wired remote setting function, 20 means that answer the call after the host consecutive receives the ring 20 times).

### 8.2 Alarm Time

Click 【Alarm Time】 to switch to the alarm time operation page, you can set the siren time when the host alarm according to your needs (the siren time is 0-20 minutes, then press 【OK】 to save the setting.

### 8.3 Delay Alarm

Click【Delay Alarm】to switch to the delay alarm operation page, you can set the host alarm delay according to your needs (The maximum delay can be set to 255 seconds).

## 7.9 Device Property

In the APP operation page, click【⚙️】to enter the 【Device Property】 page. You can set the host property in this page, such as the device name, device password, host volume etc.

Device name: The name of host,can modify.

Device password:The device password default to 123456,can modify it to prevent the others operate your device.

Host volume:The levels of host prompt voice

## 7.10 System Setting

In the APP operation page, click the icon on the left upper corner to enter the 【System Setting】 page. In the system setting page, there are five function item: 【Device Management】 , 【Account Management】 , 【Help】 , 【About】 and 【Return Device list】 .

Device management:Click 【Device Management】 or in the drop-down menu, you can choose to the different alarm host.

Account management: click 【account management】 to enter the 【user management】 page, you can change the user password; click 【logout】 can log out, when open the APP again, need to re-enter the user name and password;

## 7.11 GSM Mode Operation Method:

After you add host account, it will appear function page, frequently used settings page and system Settings page. Setting instruction sent in GSM mode by SMS, alarm host receive a text message, the panel will "drop" a sound, and automatically reply message to mobile phone, then setting is successful.

To set the alarm number for example:

In frequently used settings page, click [alarm number] to enter alarm number Settings page. This page can be set 8 groups alarm number, click on any one group. Enter receiver phone number, and select alarm call, alarm message, RFID notification, CID four functions, except CID feature only one radio, the other function can be one radio or be more selections. When finished, click [OK], the message sent to the host SIM.

# Chapter 8 Receiving Alarm and Remote Control

## 8.1 Measures after Receiving Alarm

When there is an alarm, host will dial the preset phone number and text to the message automatically, and siren alarm according to the setting. If owner's phone is busy or couldn't be connected, host will dial next alarm phone number and it will dial all the preset phone numbers 3 times repeatedly. The recording will be displayed after the alarm phone call answered. User can press the number keys on the phone to realize the corresponding control.

Key[1] : Arm

Key[2] : Disarm

Key[3] : Turn On Monitor

Key[4] : Turn Off Monitor

Key[5] : Turn On Speaker

Key[6] : Turn Off Speaker

Key[7] : Alarm Siren

Key[8] : Turn Off Siren

Key[9] : Turn on linkage Socket

Key[0] : Turn Off linkage Socket

Key[\*] : Exit and hang up.

If don't press on key "\*"or"2", host will continue to dial next alarm receiving number.

## 8.2 Remote Control via Phone

User can use any telephone or mobile phone to dial host, and it will be connected automatically after ringing, user can hear "please input password", then input password (the password is the host admin password, user will be prompted to reenter if password is wrong, and host will hang up after 3rd wrong password) user can hear "password is right" after inputting correct password, then press the number key below to realize the related control function:

Key[1] : Arm

Key[2] : Disarm Key

Key[3] : Turn On Monitor

Key[4] : Turn Off Monitor

Key[5] : Turn On Speaker

Key[6] : Turn Off Speaker Key

Key[7] : Alarm Siren

Key[8] : Turn Off Siren

Key[9] : Turn on Linkage Socket

Key[0] : Turn Off Linkage Socket

Key[\*] : Exit and hang up

## Chapter 9 System Parameters

### 1. Factory Default Zone Type

Normal Zone	Stay Zone	Intelligent Zone	Intelligent Stay Zone	Doorbell Zone	Welcome Zone	Emergency Zone
01-59 zone	60-79 zone	80-89 zone	90 zone	91 zone	92 zone	93-99 zone

### 2. System Factory Default Value

Administrator Password	123456	Send SMS Message	ON
User Password	1234	Ringling Times	1 time
Illegal Arm	OFF	Remote Control SNS Sound	ON
Alarm Siren time	60s	Delay Alarm	0S
Delay arm	0s	1-99 Zone Alarm	Alarm Siren
Sleep time	30s	1-99 Zone Message	XX Zone Alarm

### 3. System Technical Parameters

Input Voltage: DC5V -2A

Standby Current : <350mA

Alarm Current : <600mA

Wireless Frequency : 433.92MHz/868.35 MHz

WIFI: 802.11b/g/n

GSM Standard: Support GSM850/900/1800/1900MHz

WCDMA Standard: Support WCDMA850/900/1800/1900/2100MHz

Back-up Battery : DC4.2V/1900mAh High Capacity LI Battery

Alarm Loudness : 80dB (build-in)

### Chapter 10 Troubleshooting

Troubleshooting	Reasons	Methods
1, Nodial for alarm	<ol style="list-style-type: none"><li>1. no arming</li><li>2. alarm phone unset</li><li>3. parts improperly installed, distance too far</li><li>4. code no match</li></ol>	<ol style="list-style-type: none"><li>1. do arming operation</li><li>2. re-set according to the specification</li><li>3. coordinating the location of parts</li><li>4. re-coding</li></ol>
2, Host can't read SIM card or don't dial and text to preset alarm phone number	<ol style="list-style-type: none"><li>1、 No SIM card</li><li>2、 PIN code is set for SIM card</li><li>3、 bad GSM signal</li><li>4、 SIM card has scratched copper</li><li>5、 Alarm phone number unset</li><li>6、 Message Alarm number unset</li><li>7、 Card balance is insufficient or out of date</li><li>8、 Message function is OFF</li></ol>	<ol style="list-style-type: none"><li>1、 Insert SIM card</li><li>2、 Cancel PIN code</li><li>3、 change to a strong signal place</li><li>4、 change to a normal SIM card</li><li>5、 set alarm phone number</li><li>6、 set message alarm number</li><li>7、 charge SIM card</li><li>8、 activate the message function</li></ol>
3, Can't remote operate	<ol style="list-style-type: none"><li>1、 input wrong password</li></ol>	<ol style="list-style-type: none"><li>1、 Correct password or change to a new password or restore to factory default</li></ol>
4, No ISD recorded voice prompt when alerting	ISD Voice prompt un-recorded	Record it again according to user manual
5, Remote Controller not work	<ol style="list-style-type: none"><li>1. coding unmatched with the host</li><li>2. insufficient power</li><li>3. battery pieces poor contact or corroded</li><li>4. unmatched with host</li></ol>	<ol style="list-style-type: none"><li>1. re-coding</li><li>2. change battery of the same type</li><li>3. eliminating the dirt on the pieces caused by corrosion</li><li>4. contact the local dealer to change the matched remote controller</li></ol>
6, PIR sensor not work	<ol style="list-style-type: none"><li>1. coding unmatched with the host</li><li>2. insufficient power</li><li>3. battery pieces poor contact or corroded</li><li>4. unmatched with host</li></ol>	<ol style="list-style-type: none"><li>1. re-coding</li><li>2. change battery of the same type</li><li>3. eliminating the dirt on the pieces caused by corrosion</li><li>4. contact the local dealer to change the matched remote controller</li></ol>
7, siren no sound	<ol style="list-style-type: none"><li>1、 internal siren is OFF</li></ol>	<ol style="list-style-type: none"><li>1、 Open internal siren</li></ol>
8, Transmitter distance for host is shortened	<ol style="list-style-type: none"><li>1. a nearby emitter is sending code</li><li>2. host receiver stop work</li><li>3. standby battery of the host insufficient</li></ol>	<ol style="list-style-type: none"><li>1. find the interfering source and eliminate it</li><li>2. post back to the factory for amendment</li><li>3. check host power whether plug well</li></ol>



9, Host no Voice prompt	1.voice prompt function is OFF	1、 open voice prompt function
10,can't bind the alarm system	1.hasn't under the same WIFI network 2.wifi signal too weak 3. incorrect wifi password	1.under the same WIFI network 2.under the strong WIFI network 3.input the correct password

