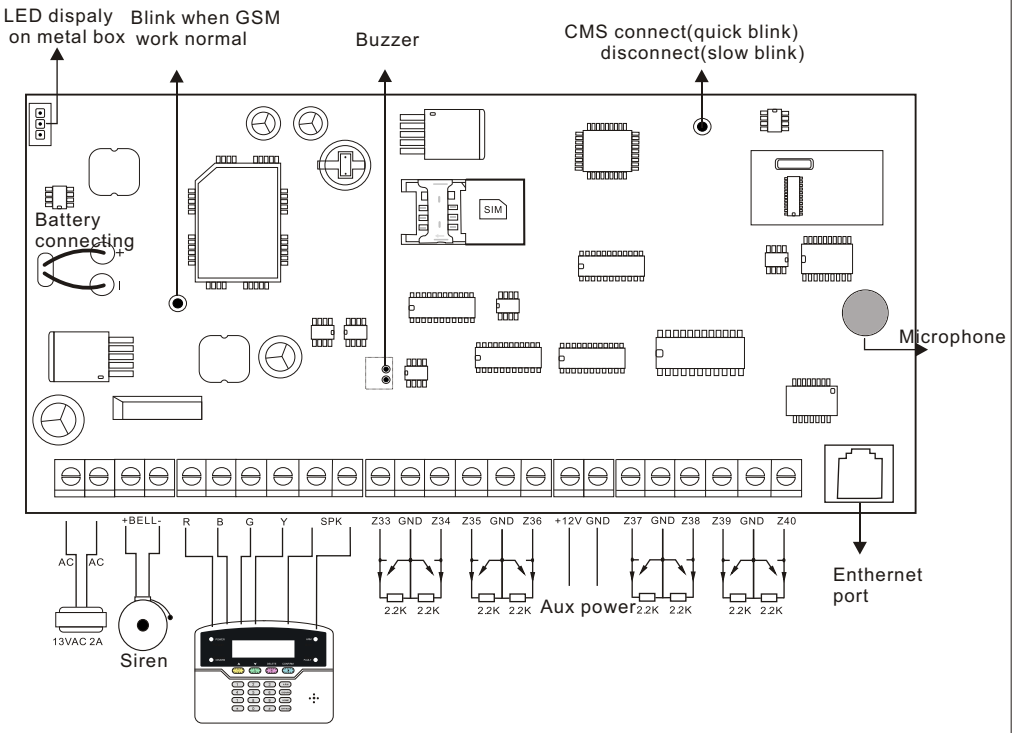
TCP/IP Alarm Control Panel
Instruction Manual
FC-7540

P/N 2015070701-1

Wiring diagramme



Power supply

- Built-in 220AC transformer.
- 12V DC, 7AH battery.
- Battery standby 16hours if connect one wired keypad(250MA power consumption)
- Keypad, Aux power supply, siren etc power consumption can not exceed max power of FC-7540
- Max recharge current of battery is 350MA

Brief

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

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

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

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

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

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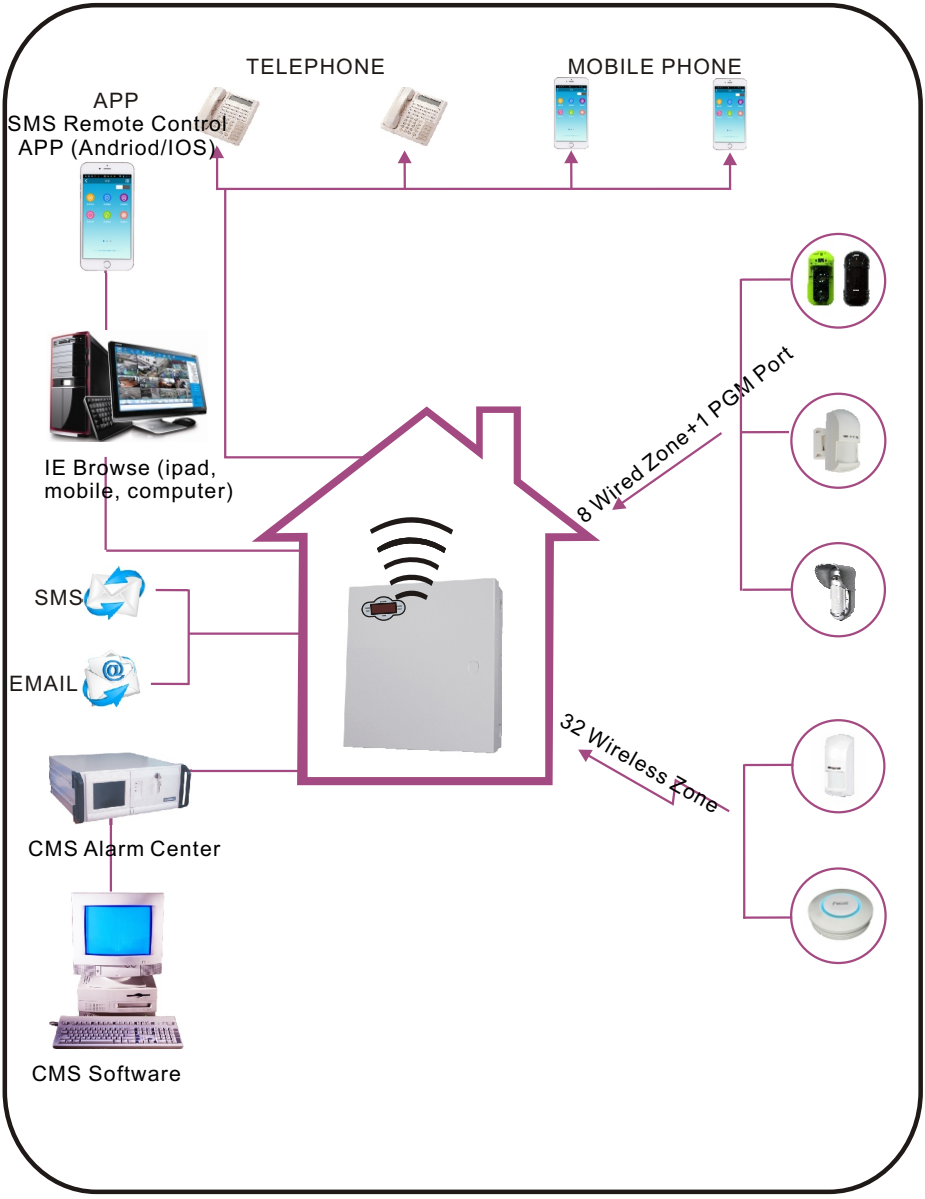
Product Introduction

1. 40 zones total: 8 wired zone, 32 wireless zone.
2. 7 way to disarm system: password, remote controller, phone call, sms, web server, schedule of timing disarm, CMS.
3. 8 LCD keypad, 8 remote controller, 16 channels electronic switch control.
4. 1 installer password, 16 user password.
5. 2 CMS phone number, 1 user code
6. 4 user phone number for remote control and receive alarm phone call.
7. 512 event log
8. Recording message: User can record 20sec alarm message.

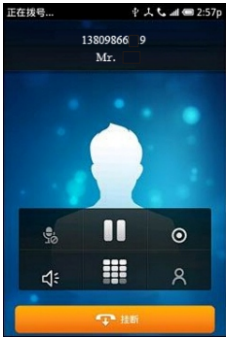
Alarm Procedure



Voice Alarm Receiving And GSM Control

Remote Phone Control

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



1.Dial the GSM No. Of the alarm control panel.

2.The alarm control panel auto off-hook

3.Please enter password 1234(default factory)
Press 1 to arm system
Press 2 to disarm system
Press 3 to Stay arm
Press 4 to check system status
Press 5 to appliance switch control
Press 9 to talk-back
Press0 to disconnect

Alarm receiving phone operation

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

1. The alarm control panel dial preset voice phone as soon as alarm occurs.

2. The user pick up the phone.

3.Play the recorded voice message first.
Press 1 to cancel alarm
Press 2 to check alarm event
Press 3 to arm system
Press 4 to disarm system
Press 5 to stay arm
Press 6 to enable siren
Press 7 to listen in
Press 9 to talk-back
Press 0 to disconnect

GSM remote operation (on-site Intercom added)

When alarm occurs, GSM will call the preset voice number, when pick up the call, Enter 4 digit user code, then voice prompt:
Press 1 to arm system,
Press 2 to disarm system,
Press 3 to Stay arm,
Press 4 to check system status,
Press 5 to appliance switch control,
Press 9 to talk-back (Intercom function)
Press 0 to Disconnect.

GSM Alarm Receiving (on-site intercom added)

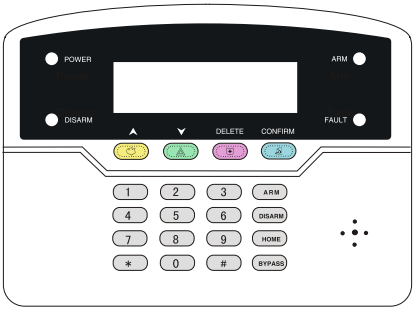
When alarm occurs, it will send SMS first, then call the preset voice number, when pick up the call, it will play the recorded voice message first, then voice prompt:
Press 1 to cancel alarm,
Press 2 to check alarm event,
Press 3 to arm system,
Press 4 to disarm system,
Press 5 to Stay arm,
Press 6 to enable siren,
Press 7 to listen-in,
Press 9 to talk-back,
Press 0 to Disconnect.

GSM control via SMS

Arm Command	#PWD1234 # ARM
Disarm Command	#PWD1234 #DISARM
Home Arm Command	#PWD1234 # HOME
Status Checking command	#PWD1234 # CHECK
Enable appliance switch command	#PWD1234 # SWITCH OPEN **XX**(XX=01-16 on behalf of appliance switch number)
Disable appliance switch command	#PWD1234 # SWITCH CLOSE **XX**(XX=01-16 on behalf of appliance switch number)

Note:
1, the factory default user code is 1234, when arm successfully, SMS auto reply ‘arm successfully’, if the password is correct, the command is not correct, SMS will reply ‘operation failure’, if the password is not correct, no SMS reply.
2, 'FOR Enable/disable the appliance switch
#PWD1234 # SWITCH OPEN XX(01-16)
XX is for electric switch serial number from 01-16, there is space between ‘OPEN’ and ‘XX’

Keypad instruction



Power LED: Light on when both AC power and battery work, light off when both not work. AC power work but battery abnormal, the LED slow blink. Battery work but AC power abnormal, the led quick blink.

Fault led: Slow blink when communication fault, light off when without fault.

Arm LED: Light on when arm, slow blink when stay arm, quick blink when alarming.

Disarm LED:Light on when disarm, light off when zone fault.

Press and hold on fire button for 3seconds, panel will alarming. During programming fire button is UP key.

Press and hold on panic button for 3seconds, panel will alarming. During programming panic button is DOWN key.

Press and hold on emergency button for 3seconds,panel will alarming. During programming emergency button is DEL key.

Press inquiry button to check event log, During programming inquiry button is CONFIRM key.

* Press *+# to exit programming.

\# Press # button to delete the wrong entering, during programming # button is confirm key.

Common Operations

Default administrator PWD:012345

Default user PWD: 1234

ARM system: PWD[1234]+ ARM

Stay Aarm system:PWD[1234]+ HOME

Disarm system:PWD[1234]+ DISARM

Bypass system:PWD[1234]+ BYPASS +zone Number+ #

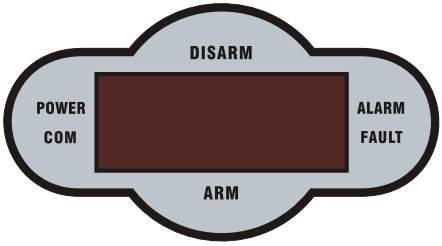
Enter programming: admin PWD[012345]+ * +[0]+ #

Exit programing: * + #

Lost Password Reset: During the first minute after power on, enter [000000] + * +[0]+ #

you can enter the programing to reset admin PWD.

LED Display on metal box



Power LED: Light on when both AC power and battery work , light off when both not work. AC power work but battery abnormal, the LED slow blink. Battery work but AC power abnormal, the led quick blink.

Fault led: Light on when system fault.

Arm LED: Light on when arm, slow blink when stay arm.

Disarm LED: Light on when disarm, light off when zone fault.

Communication LED: Blink when communication fault.

Alarm LED: Blink when alarming.

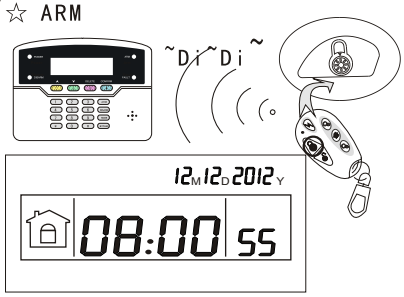
Zone fault display:

A-08	Zone 8 alarming
F-08	Zone 8 fault
P-08	Zone 8 bypass

NOTE: It will keep display zone alarming after the first disarm operation. Pls disarm one more time to update the LED display of system status.

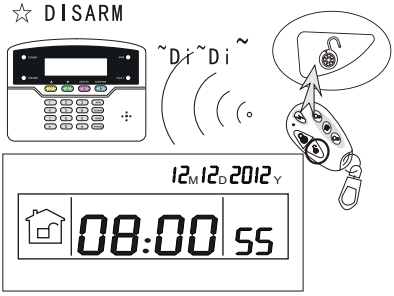
System Arm And Disarm

☆ ARM



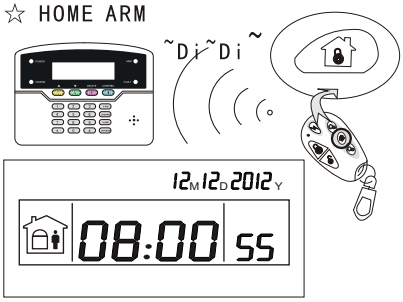
Press the arm key on remote or the keypad, then you hear system armed, please exit the protection area there will be Di-Di sound to confirm the system is armed successfully.

☆ DISARM



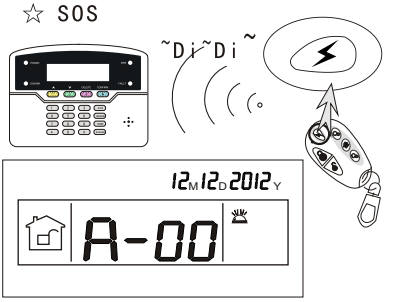
Press the disarm key on the remote or enter your user password on the keypad,then you will hear Di-Di and voice 'system disarmed', then you have disarm successfully.

☆ HOME ARM



Press the key for home arm on the remote or HOME key on the keypad, then you will hear 'system stay' and it display home arm icon on the LCD screen.

☆ SOS



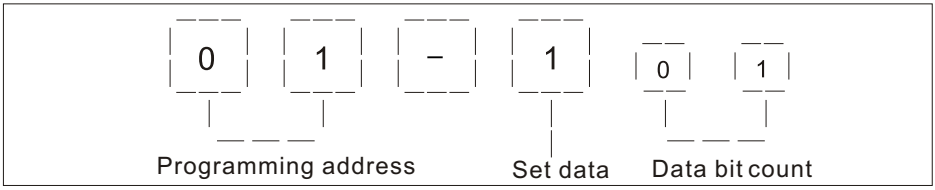
Press the panic button on remote, or press 3 key on panel for 3 seconds,it will trigger to alarm.

Note:
Above photo is arm/disarm by the remote controller.
Different way to arm/disarm, the CMS alarm center and SMS will display the below code and let you know which ways to arm/disarm the system.

Administrator programming

[012345] + * + [0] + # → ----

Display



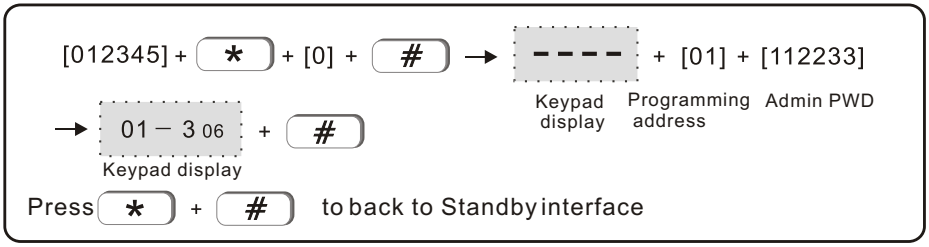
Administrator menu and programming address:

01 Admin PWD setting
02--16 user PWD setting
20-21 CMS phone # setting
22--CMS user ID setting
24-27 User phone # setting
28- user phone dial times setting
30- Native IP settings
31-Network gateway setting
32-Network Mask setting
33-Priority DNS
34-Backup DNS
35-CMS server IP
36-CMS server port
37-CMS registor ID
38-CMS resgitor PWD
39-CMS heartbeat time
40-Entry delay
41-Exit delay
42-Siren time
43-Detector loss inspection time
44-AC off inspection time
45-Commnunication inspection Interval
46-Arm / disarm indication
47-Arm/disarm report
48-Forced arm
49-Magnetic contact open inspection
50-Wireless detector tamper inspection
51-Limit of alarming times
52-Siren type of panic alarm
53-System clock setting
60-Enroll remote controller
61-Manual enter wireless code of remote controller
62-Enroll detector
63-Manual enter wireless code of detector
64-Enroll wireless electronic swtich
65-Enroll wireless siren
66-Delete remote controller
67-Delete detector
68-Delete wireless electronic switch
69-Delete dual-way wireless siren
70-Set zone type
71-Set zone siren type
72-Set related zone
80-Set timing operation
81-Record message
82-Play recorded message
83-Set back to factory default
84-Set language of SMS
85-Set welcome mode
86-Set network port

1.PASSWORD SETTING

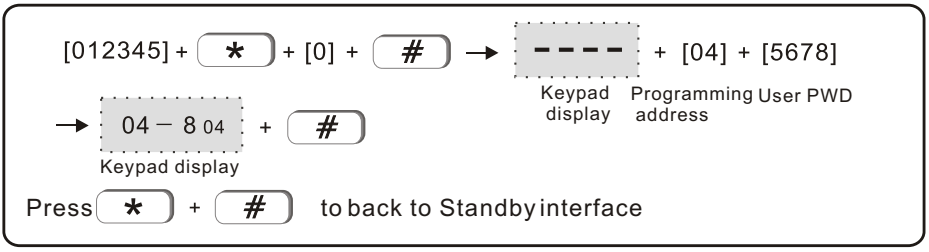
1.1Admin Password setting

EXAMPLE:Set Admin PWD as 112233(default is 012345)



1.2User Password setting(dafault 1234)

Example:set the third user password as 5678

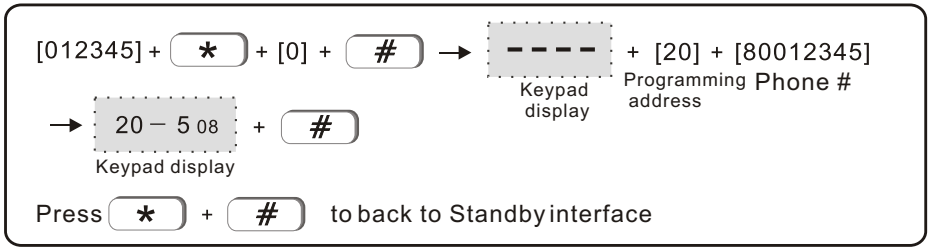


NOTE: can set 15 user PWD in total, the programming address is 02-16

2 CMS station setting

2.1 CMS phone # setting

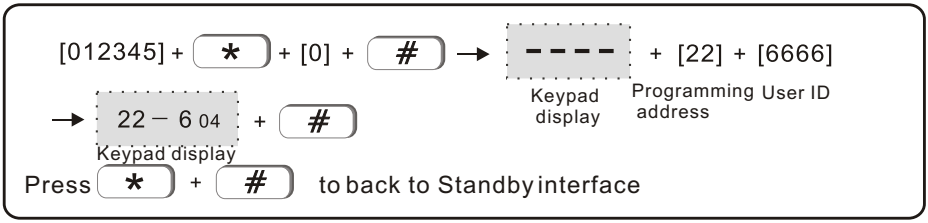
Example: set CMS phoner # as 80012345



NOTE: Can set 2 CMS phone # in total, address is from 20-21

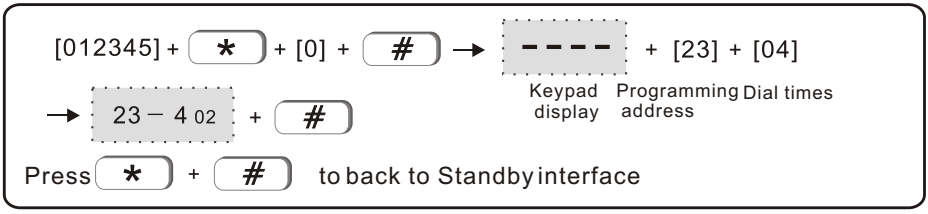
2.2 CMS user ID setting(default is 0000)

Example: Set CMS user ID as 6666



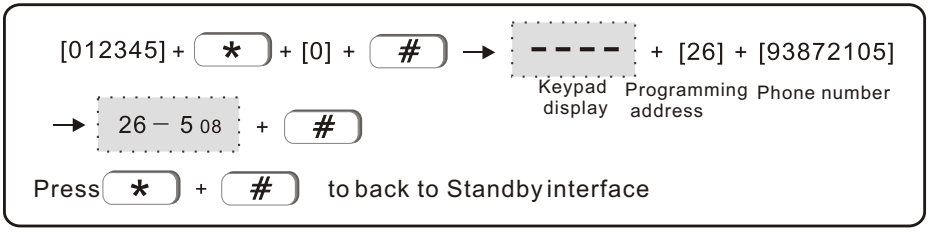
2.3 CMS dial times setting: set how many times will dial when the first dial is failed.(default is 5 times)

Example: set dial times as 4



2.4User phone # settting

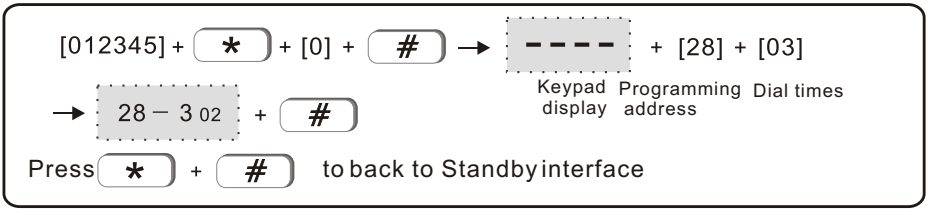
Example: set the third user phone # as 93872105



NOTE: Can set 4 user phone # in total, address is 24-27

2.5 Dial times for User phone #: how many times will dial when the alarming is not canceled(default is 5)

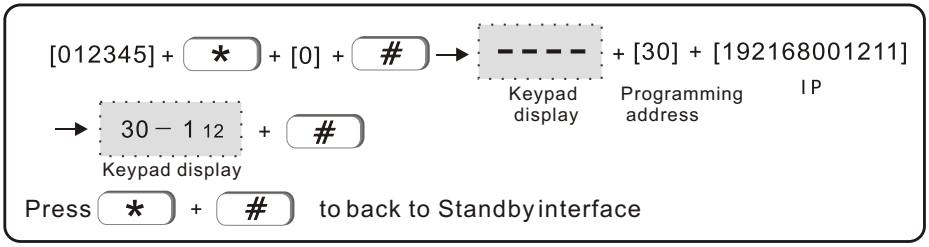
Example :set dial time as 3



3. Network setting

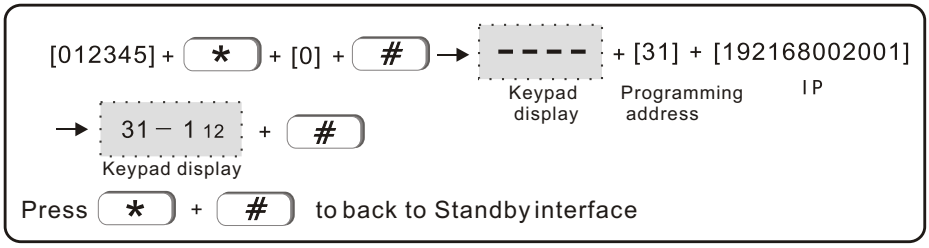
3.1Native IP setting

Example: set native IP address as 192.168.211(default 192.168.1.81)

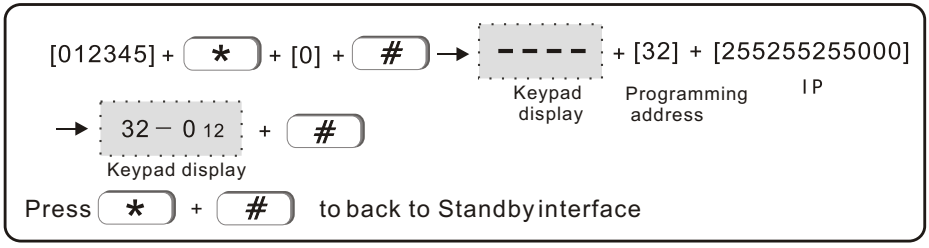


3.2-Network gateway setting (default192.168.1.1)

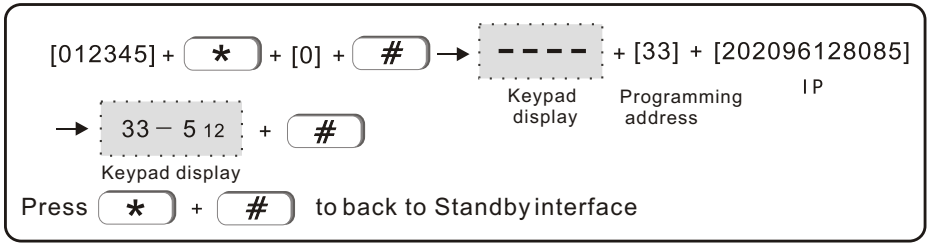
Example: set network gaeway as 192.168.2.1



3.3Network Mask setting. (Set network mask as 255.255.255.0)

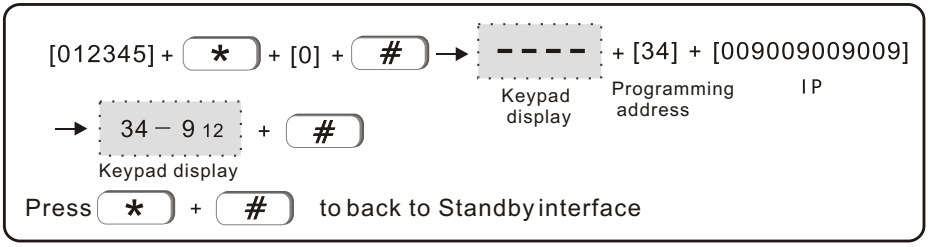


3.4 Priority DNS(default is 202.96.128.86) set as 202.96.128.85



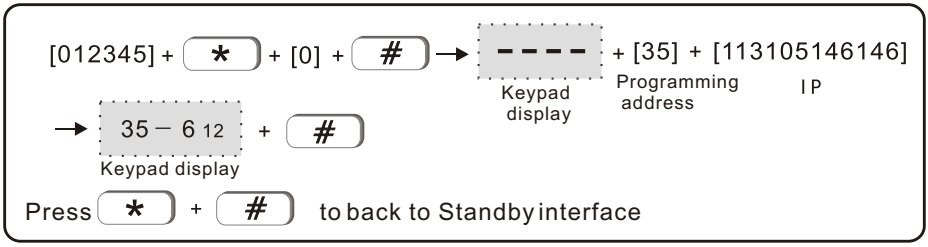
3.5 Backup DNS

Example: set Native backup DNS as009.009.009(default is 008.008.008)



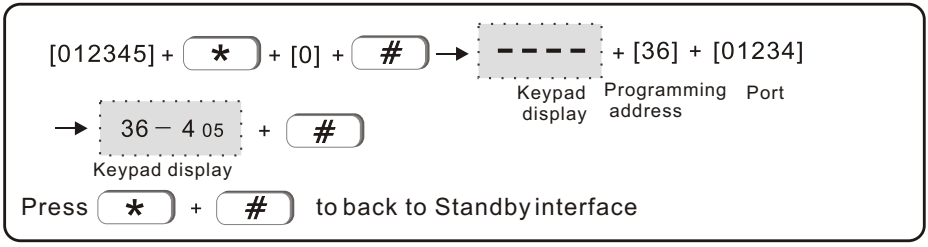
3.6CMS server IP

Example: set CMS server IP as113.105.146.146(default is 0.0.0.0)

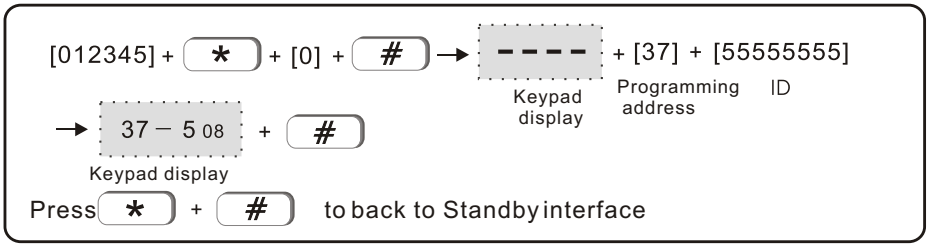


3.7CMS server port

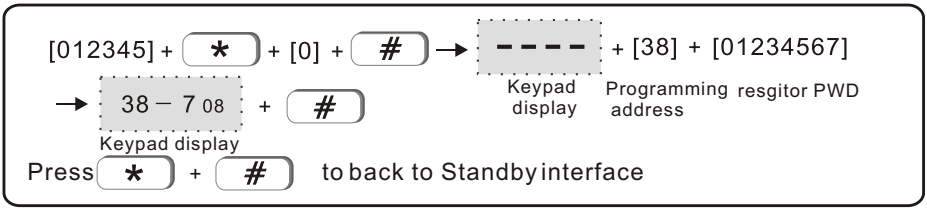
Example: set CMS server port as01234(default is 07974)



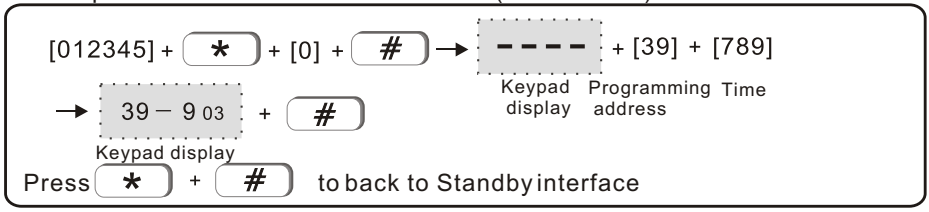
3.8CMS registor IDExample: set CMS registor ID as55555555(default is 88888888)



3.9CMS resgitor PWD
Example: set CMS resgitor PWD as01234567(default is 00000000)



3.10CMS heartbeat time
Example: set CMS heartbeat time as789(default is 25)

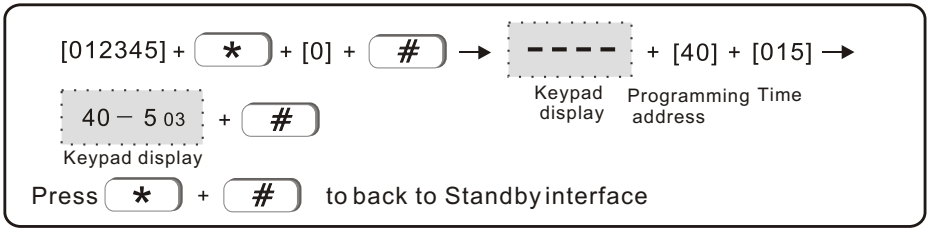


NOTE: Is better to keep the default setting, change the setting will easily cause line-off. Connect to network CMS as priority, when network CMS trouble, then connect to phone CMS.

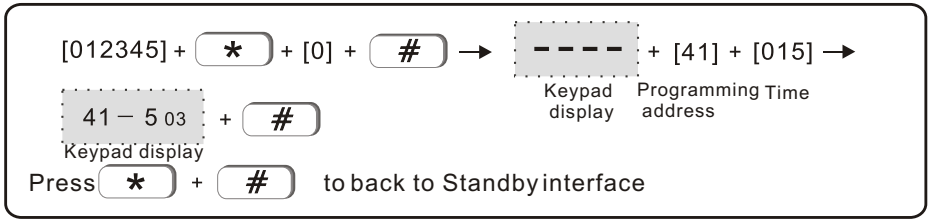
4. System option setting

4.1Entry delay, the delay duration from trigger the delay zone and start alarming(default is 10s)

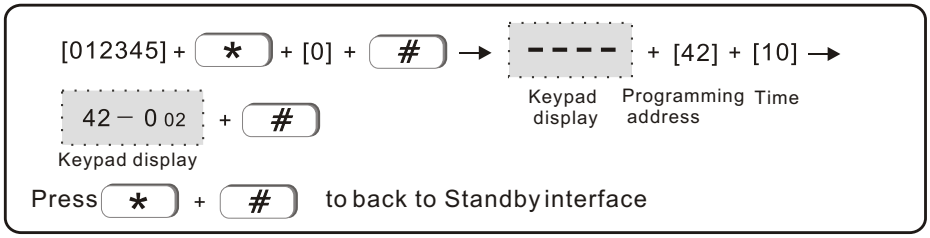
Example:set entry delay as 15s



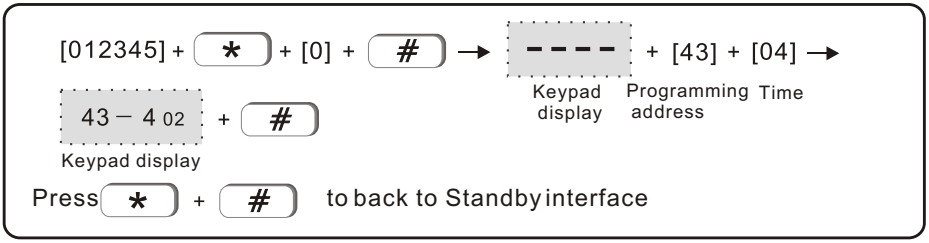
4.2 Exit delay, the duration from user make the arm operation to system enter arm status(default is 10s)
Example: Set Exit delay as 15s



4.3 Siren time(default is 5minutes)
Example:set siren time as 10minutes

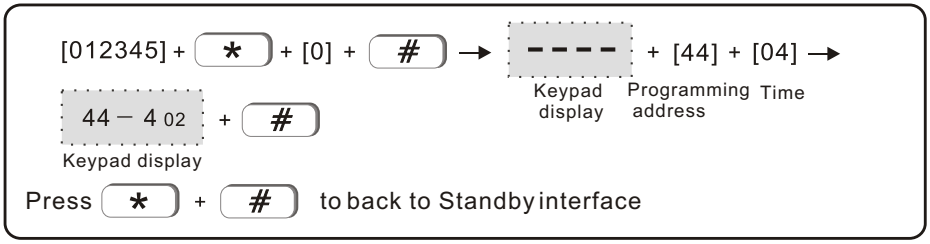


4.4 Detector loss inspection time(default 00, not detect)
Example: set Detector loss inspection time as 4 hours



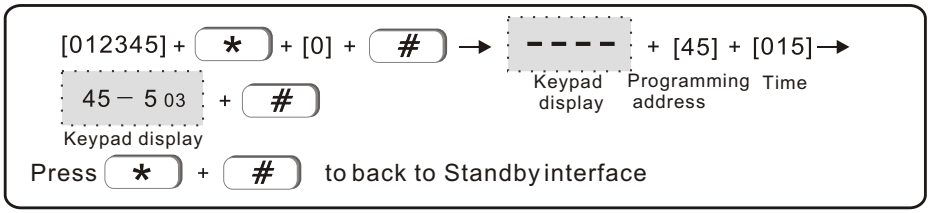
Note: Wireless detector send status signal to alarm panel every 3 hours. If the panel does not receive detector's status signal during setted inspection time, the panel will consider the detector loss.
Suggest to set wireless detector loss inspection time not shorter than 4hours.

4.5AC off inspection time(default is 00, not insptect)
Example: set AC off inspection time as 4hours

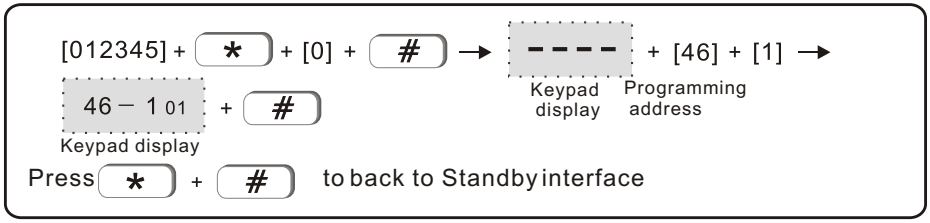


4.6Commnunication inspection Interval: the interval time of the communication between alarm panel and CMS.
This is to check if the communication between the panel and cms is normal (default 00 not inspect)

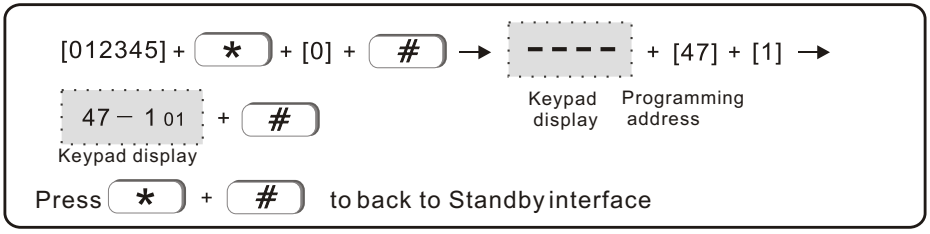
Example: set communication inspection interval as 15hours



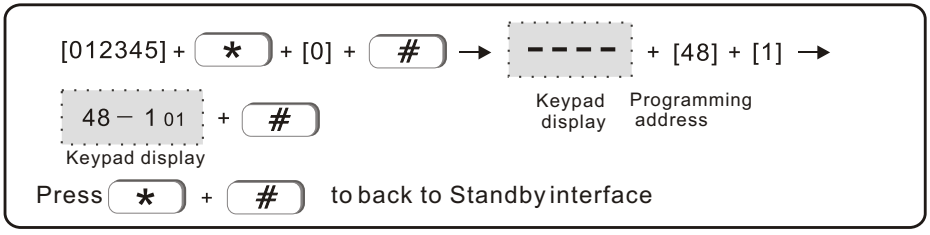
4.7Arm / disarm indication: set of the siren give short sound when arm the system on remote controller(default is mute).
1> sound 2> mute
Example: set the arm/disarm indication sound on.



4.8Arm/disarm report(dafault not report) 1> report 2> not report
Example: set arm/disarm report to CMS

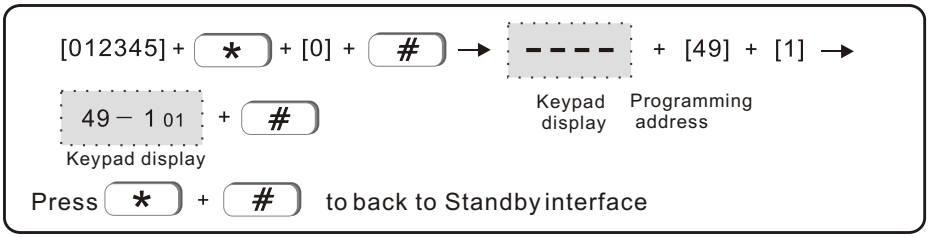


4.9Set force arm: if enabel set force arm, when there is zone trouble, the system can be armed and report the trouble zone’s bypass message to CMS. If disable the force arm, the system can not be armed(factory default is disable force arm)
1> Force arm 2> not arm
Example: enabel force arm



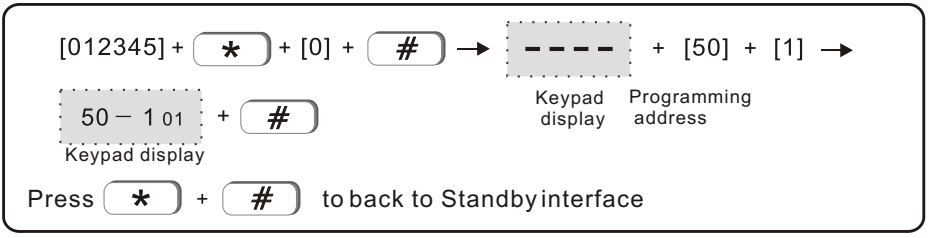
4.10 Magnetic contact inspection: Separate the magnetic strip from transmitter will trigger the zone trouble(default is disable)
1> Enable 2> Disable

Example: Enable the Magnetic contact inspection



4.11Wireless detetor tamper inspection:If set enable the inspection, when trigger the tamper of wireless detector will trigger alarm. If disable the inspection, will not trigger alarm.
1> enbale 2> disable

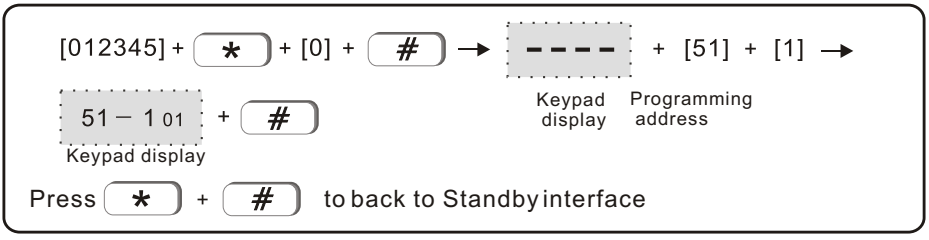
Example: Disable the wireless detector tamper alarm inspection



4.12 Set zone alarm times: If set zone alarm times as 3, before cancel alarm or disarm, continus trigger more than 3 time will not trigger the alarm on panel.

1> 3 times limited 2> no limited

Example: Set zone alarm 3 times



4.13 Panic (emergency) alarm siren type: Set if the siren sound or not when trigger Panic alarm on remote or emergency alarm on keypad.(default is mute)
1> pedal tone 2>Pulsed tone 3> mute

Example: set siren type as Continuous tone

[012345] + * + [0] + # → - - - - + [52] + [1] →

52 – 1 01 + #

Press * + # to back to Standby interface

4.14 system time set
Example: set system time as10:01:23 11/JULY/2015

[012345] + * + [0] + # → - - - - + [53]

+ [150711100123] → 53 – 3 12 + #
Y M D H M S

Press * + # to back to Standby interface

5. Wireless device setting

5.1 Auto Code remote

Example: Auto code remote on the 5th position

[012345] + * + [0] + # → - - - - + [60] + [5] →

60 – 5 01 + # → → 60 – 1 01 + #

Press * + # to back to Standby interface

5.2Manual code remote

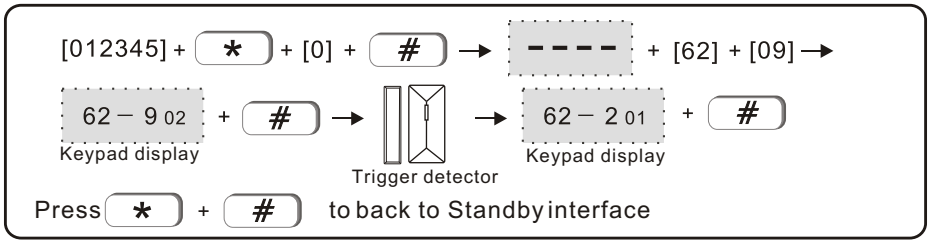
Example: Manual code the remote 077230023

[012345] + * + [0] + # → - - - - + [61] + [1] →

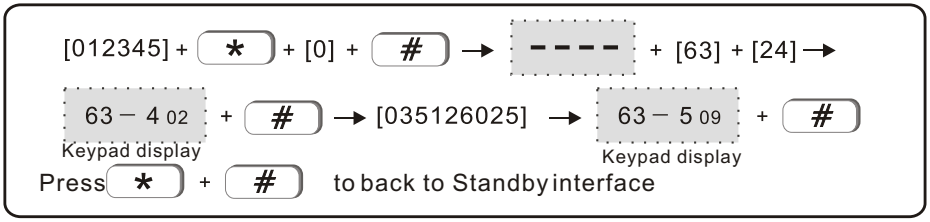
61 – 1 01 + # → [077230023] → 61 – 3 09 + #

Press * + # to back to Standby interface

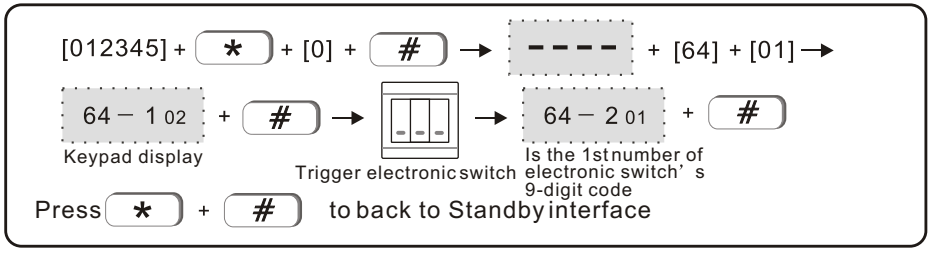
5.3 Auto code detector
Example:Auto code #9 detector



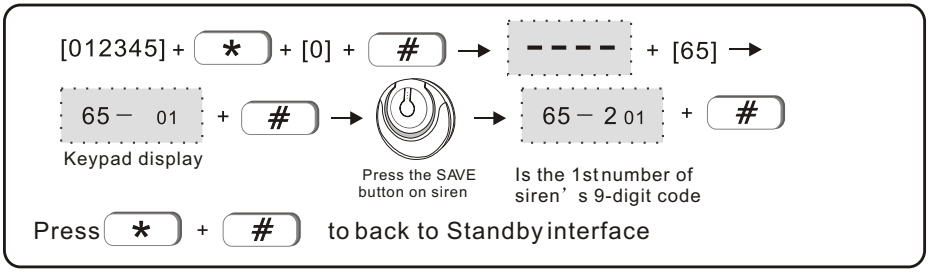
5.4 Manual code detector
Example: Manual code #24 detector035126025



5.5 Code electronic switch
Example: Auto code #1 electronic swtich



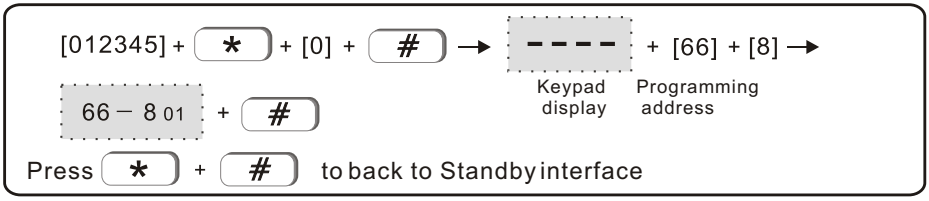
5.6 Code siren(Example: code dual way siren)



Note: When dua-way siren give tamper alarm, on the lcd screen on panel will display zone 41. One panel can only code one pc of dualway siren. No limited quantity on one-way siren.

5.7 Delete remote

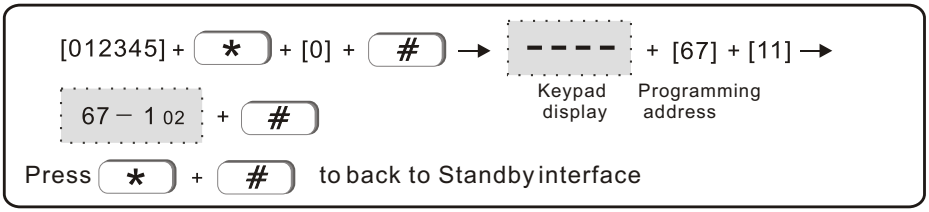
Example:Delete the 8th remote



Note: enter 0 to delete all remote

5.8 Delete detector

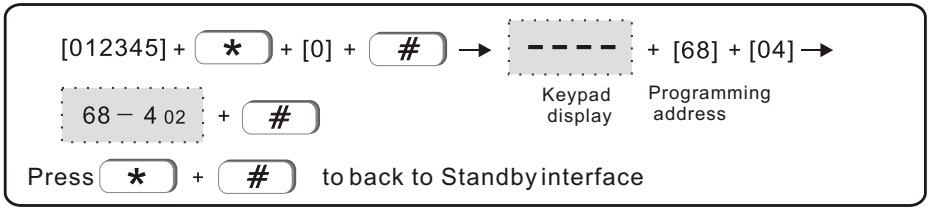
Example: Delete 11th detector



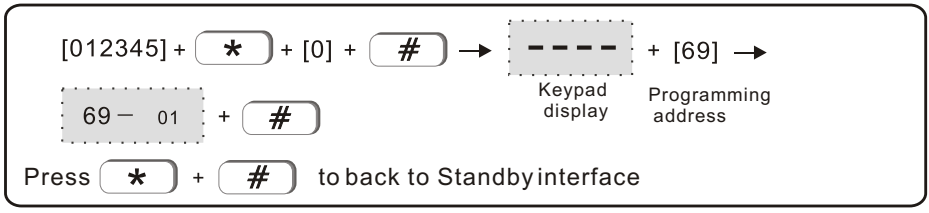
Note: Enter 00 to delete all detectors

5.9 Delete electronic swtich

Example: Delete the #4 switch



5.10 Delete dual-way siren



Note: Deleted is dual-way siren

6. Set system zone attribution

6.1 set zone attribution

The type of zone attributuion is as below:

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

Interior zone only trigger alarm under system away-armed status.

Delay and perimeter zone trigger alarm under system stay-arm or away arm status.

24 hours zone, emergency zone,fire zone will trigger alarmunder any sysatem status

Factory default

wired zone 33-40 disable, wireless zone 1-32 enable,00 zone is system zone.

1-2 zone is delay zone, 3-32 is interior zone

Example: set the zone 30 as fire zone

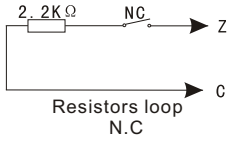
[012345] + * + [0] + # → - - - - + [70] + [30] →

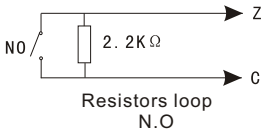
70 −0 02 + # + [6] → 70 −6 01 + #

Press * + # to back to Standby interface

Note: Enter zone # and press # button to check the zone type.

Wiring of wired zone as below :



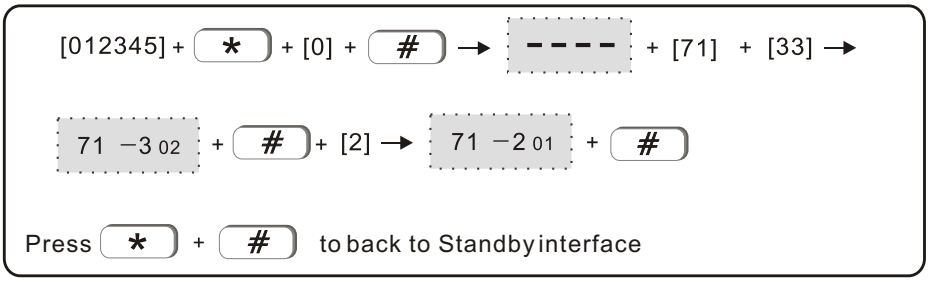


6.2 set zone siren type(defaul is pedal tone)

the options as below

1>pedal tone 2> pulse tone 3> mute

Example: Set zone 33 siren type as pulse tone



Note: enter zone # then pres # to check the siren type

6.3 Set related zone:zone1+zone2+related time+mode

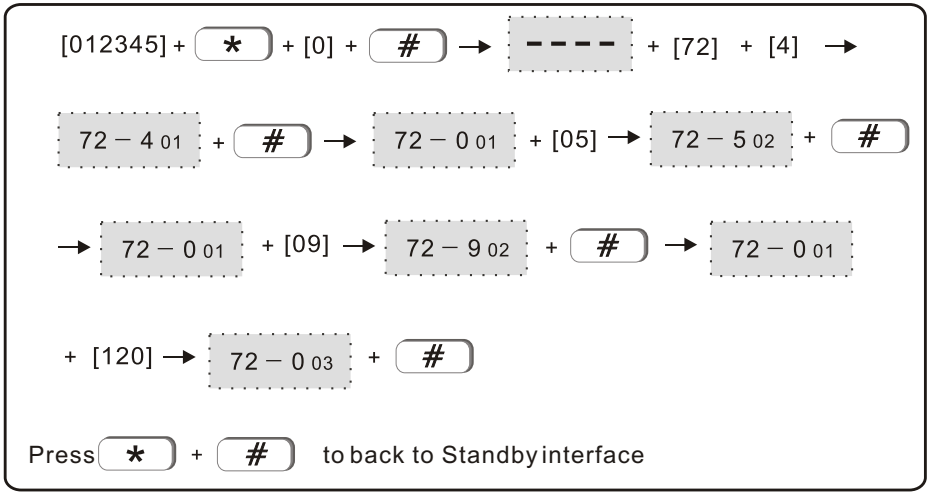
The options as below(default is disable)

Dual trigger mode: trigger zone1 or zone 2 will not tirgger alarm.

Trigger both zone 1 and zone 2 during the setted related time, will trigger alarm.

Example: set zone 5 and 9 as the 4th group

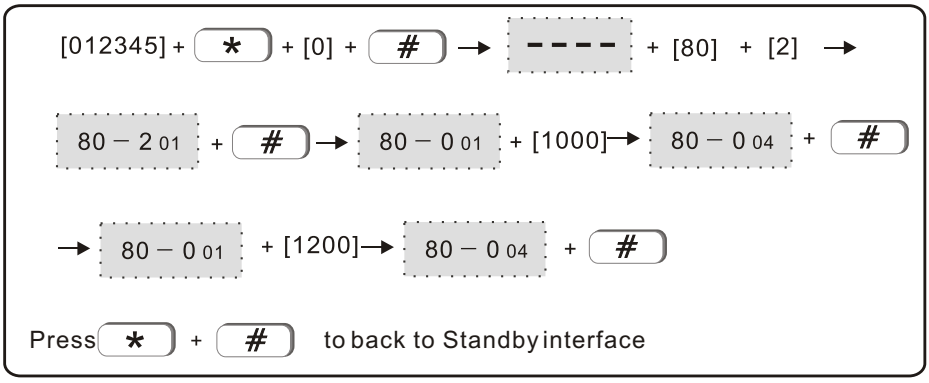
of dual trigger related zone. Related time is 100sec



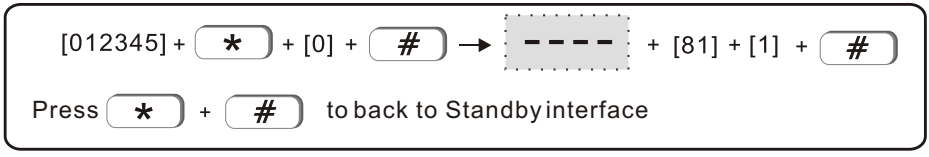
7. Other settings

7.1 Set timing arm/disarm operation

Example: Set #2 group of timing arm at10:00, disarm on 12:00

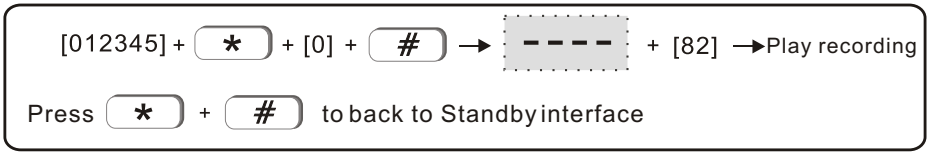


7.2 Recording

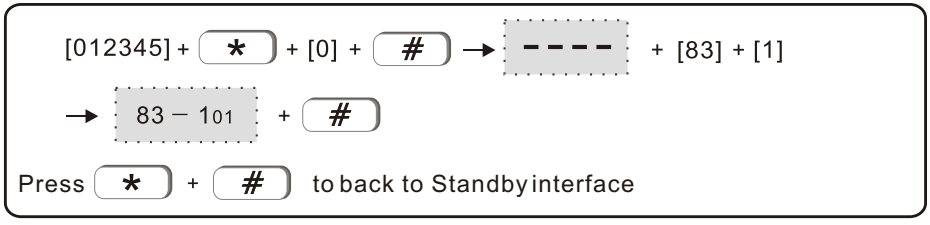


Note:Total 20sec to recording. The recording message will display as soon as the panel dial the user phone #

7.3 Play recording



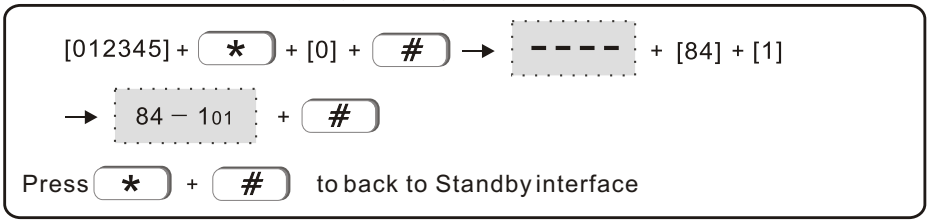
7.4 Restore to factlry default



7.5 SMS language setting

Options as below:0> Chinese 1> English

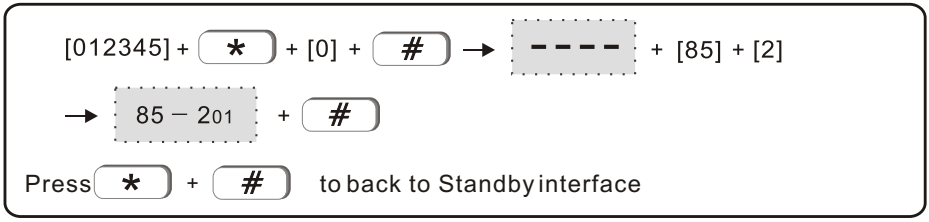
Example: Set SMS language as english



7.6 Welcome mode setting(default is disable)

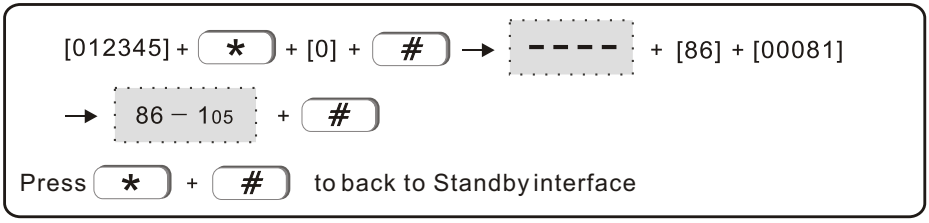
Options as below: 0> disable 1> ringing tone 2> welcome

Example: Set as welcome mode as welcome



Note: Under disarm status, the default setting of delay zone is welcome mode of door bell zone

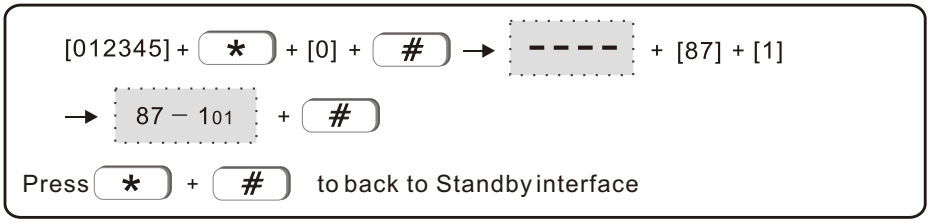
7.7 Network port setting(default is 00080). Example set network port as 00081



Note: Network prot can set as any 5-digit numbers from 00000 to 65535

7.8 Network CMS connecting settings. 0> disconnect 1> connect

Example: Set Connect the CMS network

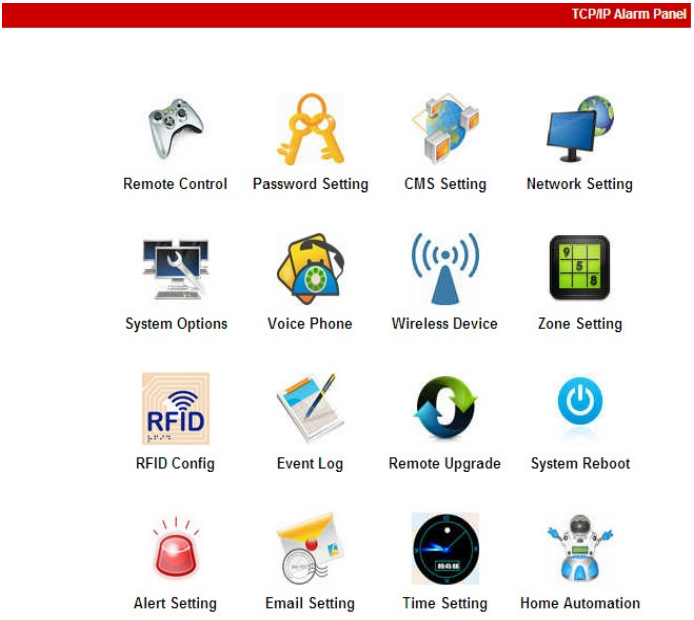


Web IE Introduction

Open the IE browse and input the IP address of the alarm control panel, please enter the user and password.

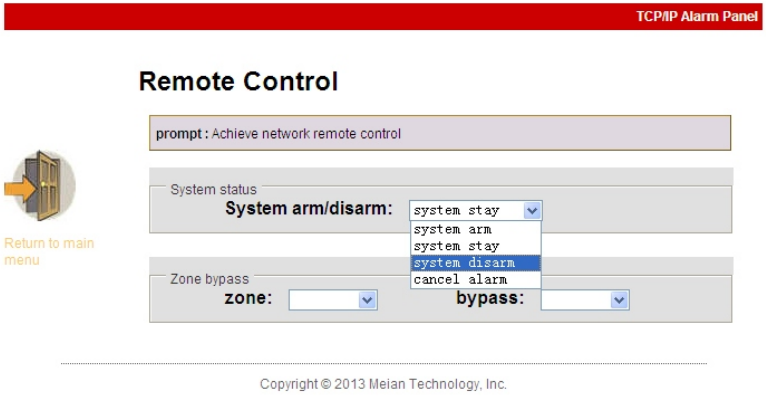
Default user account is admin, and password is 012345.

Open the internet browse as below photo.

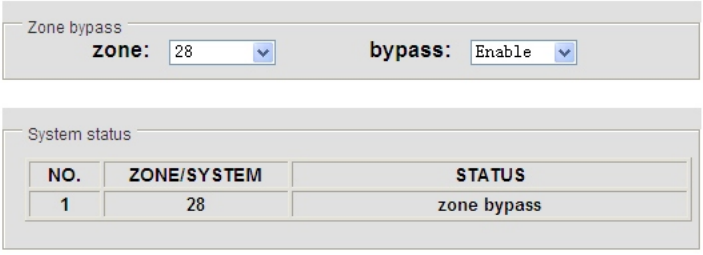


8.1、**Remote Control**

Press the remote control icon to enter below interface.

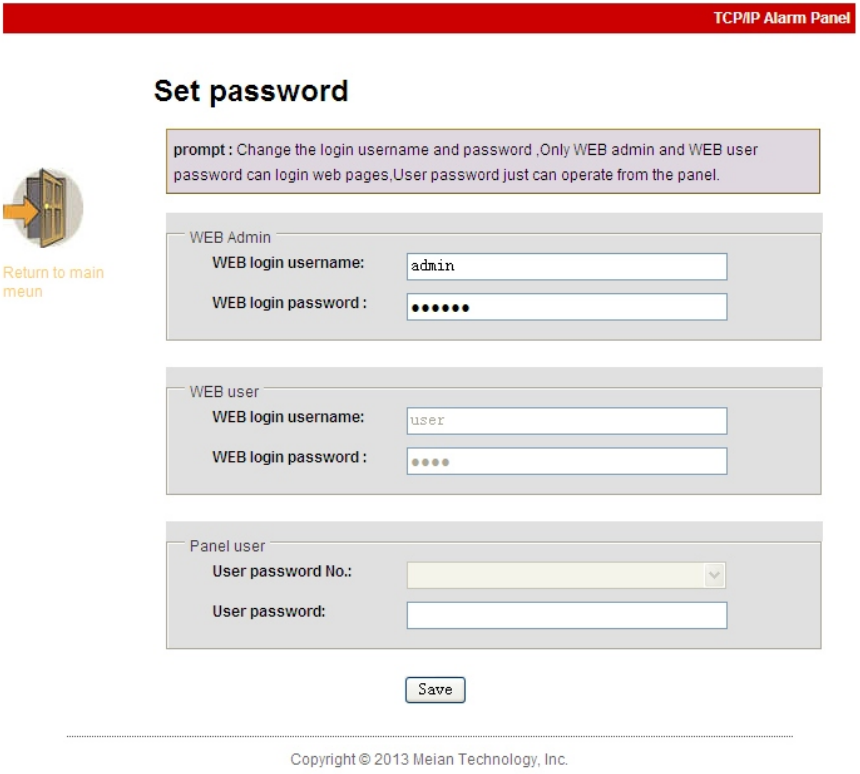


System Status: including system arm, system disarm, system stay, cancel alarm.
Zone Bypass: do not let the faulty zone without affecting the normal use of other zones. User can bypass the faulty zone.
Zone: 1-40 for options
Bypass: Enable/Disable for options
After zone bypass enable success. User can check the bypass zones as below photo.



8.2 Password Setting

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



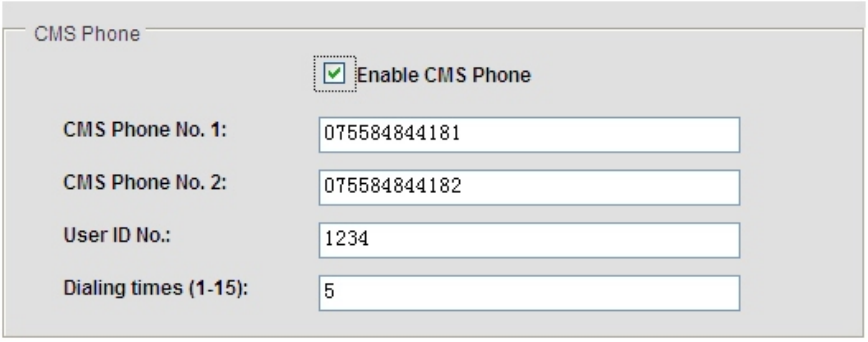
Press Save after setting, system will prompt"Data setting is saved",click "Confirm" to complete the setting.

8.3 **CMS Setting**: click icon for CMS setting

8.3.1 CMS number setting:

Enable CMS Phone: click "☐" to enable

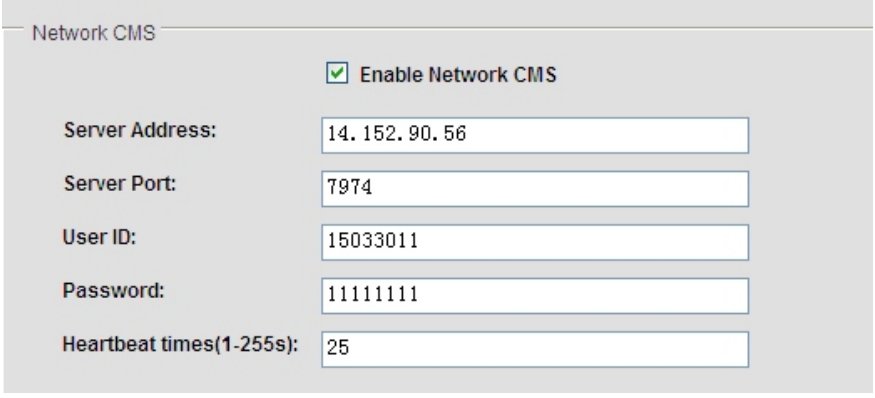
Press SAVE key to complete the settings.



8.3.2 Network CMS settings:

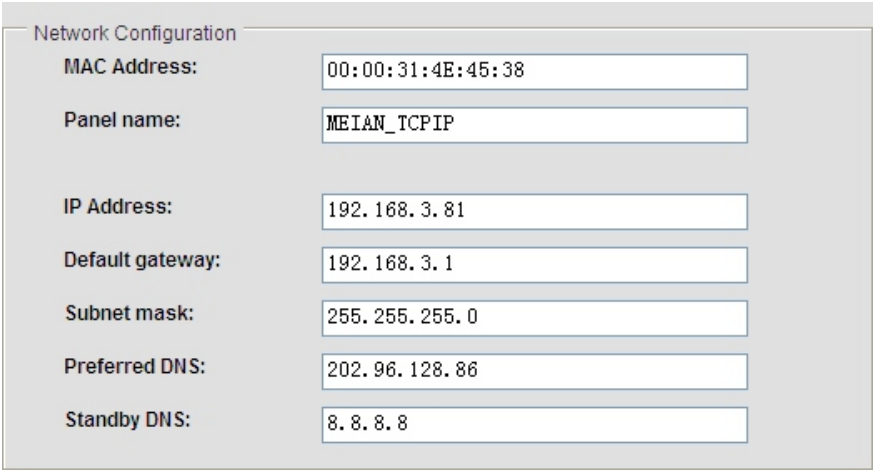
Enable Network CMS: Click "☐" to enable 。

Press SAVE key to complete the settings, prarameters only take effect after reboot system



Note: The Alarm info. Will only upload either CMS phone or Network CMS, If user enable both CMS phone and Network CMS, the alarm information will upload to network CMS in priority and CMS phone will be backup when network CMS failed.

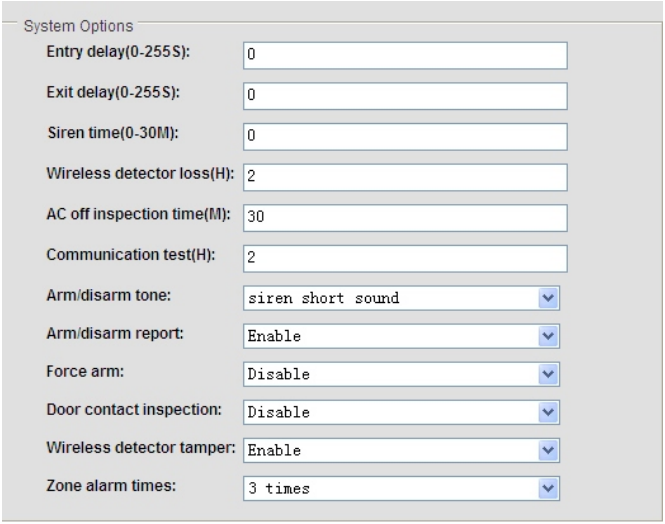
8.4、Network Configuration：click icon for setting



7.4.1.Factory default 192.168.1.81.user need set IP according to local IP settings, can not use the same IP for several alarm panels.

7.4.2.When set IP

8.5、System Options：click icon to system options settings



1.Entry delay is only for delay zones.

2.Exit delay time: User need exit within preset time after system armed.

3.Siren time: The alarm duration time after system alarm, default value: 5 minutes

4. Wireless detector loss time: If the panel doesn't receive status signal or alarm signal within preset time, the panel will regard the detectors as loss.

5. AC off inspection time: When system AC power cut, user can set the delay time to report to CMS, default value : 30minutes

6. Communicate test time: The interval test time between system and CMS, default value: Disable

7.Arm/Disarm tone: user can enable/disable arm/disarm tone when arm/ disarm system via remote controller.

8.Arm/Disarm report：User can enable/disable Arm/Disarm report to CMS, default value is :disable.

9.Force arm: When enable force arm , System still can be force armed when zones are in trouble and trouble zones will be bypassed automatically and system will send bypass information to CMS. When disable force arm, system can not be armed when zones are in trouble. Default value: Disable

10. Door contact inspection: When door/window is not well closed, the system

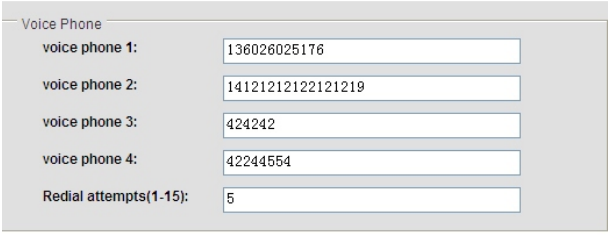
will receive zone trouble information from door contact if enable door contact inpsection. Default value: Disable.

11.Wireless detector tamper: default value: enable

12., Zone alarm time:

If system is triggered more than once before system disarm or cancel alarm, the system will not alarm if user set zone alarm time as 1.

8.6、Voice phone settings：Click icon to enter voice phone setting. User can set 4 voice numbers.

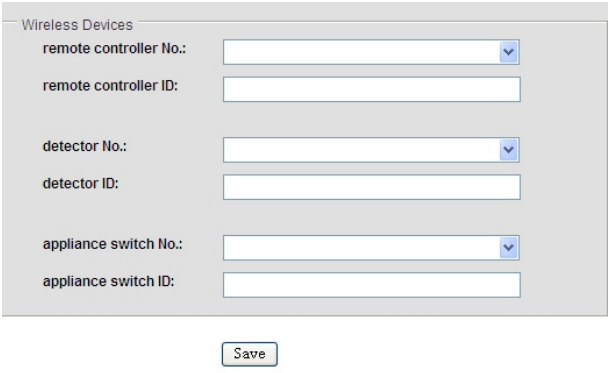


8.7、Wirless dvices：Cick icon to enter wireless device settings

Remote controllers: NO.1-8 total 8 remote controllers

Wireless detector: NO.1-32 total 32 detectors

Wiresles appliance switch: NO.1-16 total 16 appliance swith



Note：Wireless device enroll or delete data,for administrator only。

8.8、Zone configuration: click icon to enter zone settings：

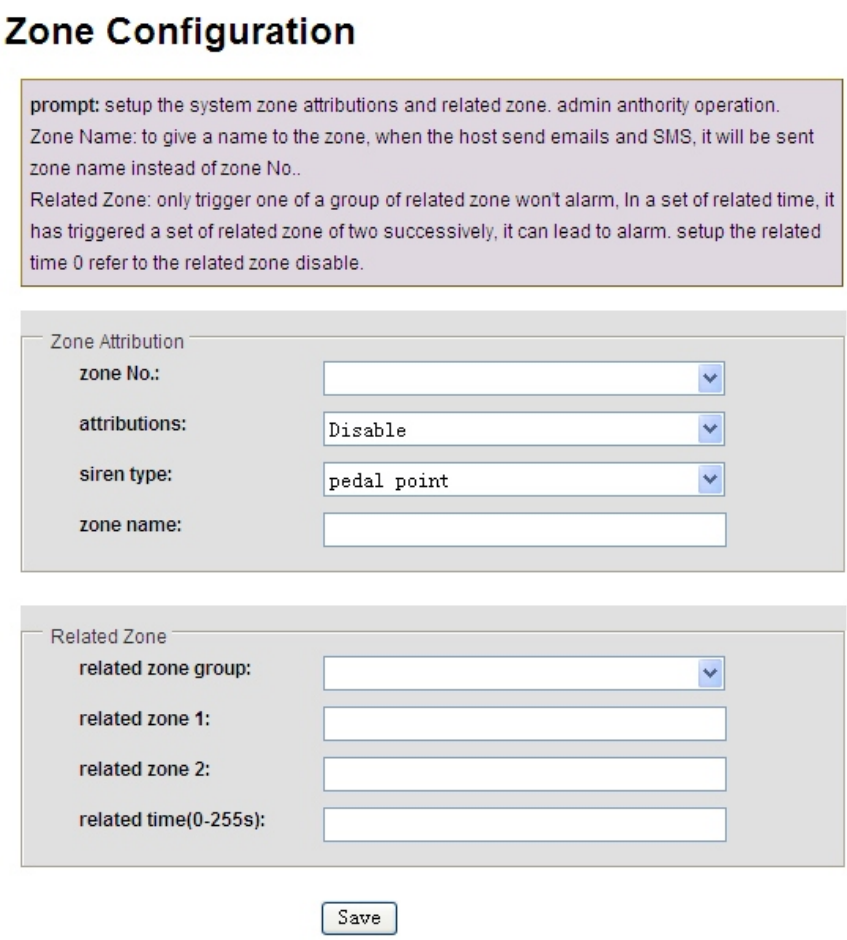
8.8.1 Zone type for ZONE NO.1-40：

0>Disable 1>Delay zone 2>Perimeter zone 3>Burglar zone

4>Emergency zone 5>24 hour zone 6>Fire zone 7>Key zone

7.8.2 Set zone siren type

8.8.2 Set related zones NO.1-8



Note：Key zone is only for Wired zones NO.33-40 only

8.9、System Event Log, click icon to enter.

System Event Log

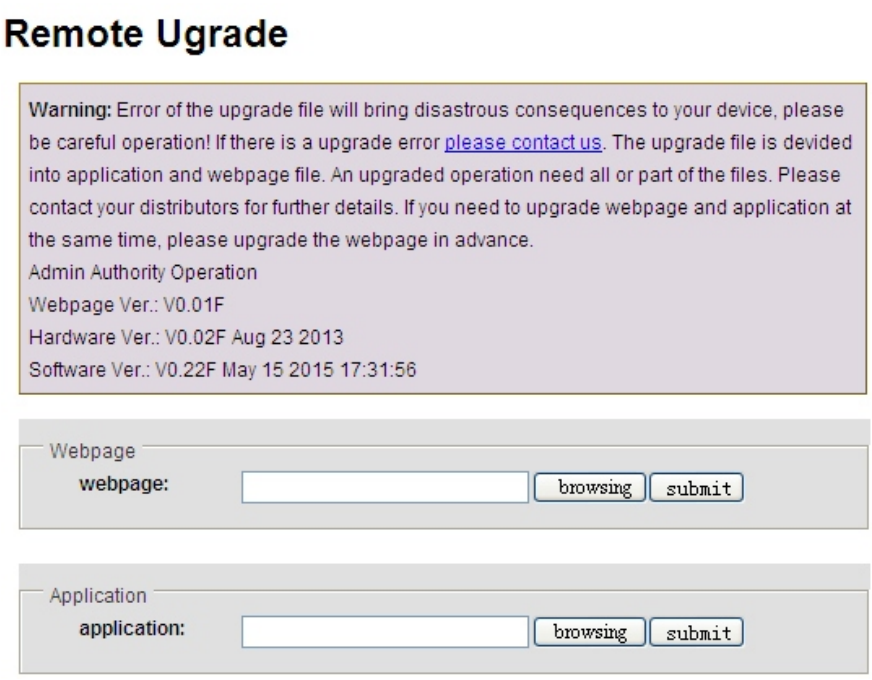
prompt:The latest 512 Event Logs .

No.	Time	Zone / User	Event log
1	2015-05-16 15:21:03	40	Zone Bypass
2	2015-05-16 15:20:42	40	Zone Bypass
3	2015-05-16 15:19:53	28	Zone Bypass
4	2015-05-16 14:35:21	0	Periodic Test Report
5	2015-05-16 12:35:16	0	Periodic Test Report
6	2015-05-16 09:40:55	0	Periodic Test Report
7	2015-05-16 07:40:42	0	Periodic Test Report
8	2015-05-16 05:40:28	0	Periodic Test Report
9	2015-05-16 03:40:15	0	Periodic Test Report
10	2015-05-16 01:40:07	0	Periodic Test Report
11	2015-05-15 23:40:02	0	Periodic Test Report
12	2015-05-15 21:39:57	0	Periodic Test Report
13	2015-05-15 19:45:39	70	System Stay
14	2015-05-15 19:39:52	0	Periodic Test Report
15	2015-05-15 18:26:52	70	System Disarm
16	2015-05-15 18:26:43	70	System Stay
17	2015-05-15 18:26:36	1	Zone Bypass
18	2015-05-15 18:26:23	70	System Disarm
19	2015-05-15 18:26:14	70	System Stay
20	2015-05-15 17:42:02	40	Alarm Cancel
21	2015-05-15 17:41:58	0	Tamper
22	2015-05-15 17:41:33	1	System Disarm
23	2015-05-15 17:41:33	1	Alarm Cancel
24	2015-05-15 17:41:23	0	Tamper

Next Previous

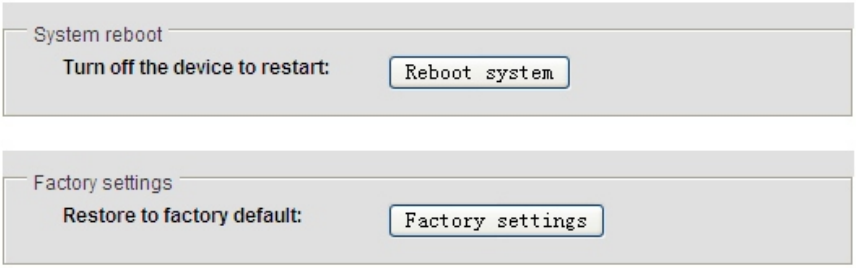
Note：Please refer to page 31 to delete event logs

8.10、Remote upgrade, click icon to enter setting



System application files / webpage upgrade: Click "Browse" will pop up a page and then select
Load the document and click "Open" pop-up page will automatically shut down, and then click "Submit" . Bottom of the page there will be a red strip and percentage display during the upgrade process, the upgrade process
Do not close the page and turn off the power. The upgrade is complete and then reboot the device.

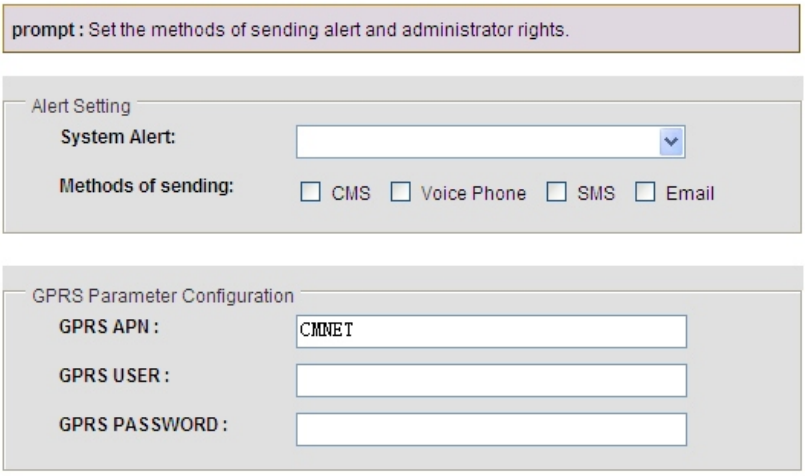
8.11、System reboot：click the icon :o to enter setting.



8.11.1 System reboot, click confirm to reboot system or click cancel to cancel

8.11.2 set back to factory default, click factory setting,click confirm to set panel back to factory default.

8.12、Alert setting, click icon to set 28 alert sending methods and set GPRS data.



8.13、Email setting, click icon to enter setting.

1.SMTP server setting, fill the SMTP server address.

2.SMTP port default is 25, do not support SSL Encrypted Port.

3.Please enter the email setting to enable the SMTP otherwisethe email will not send mail.

Email Setting

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

Email Setting

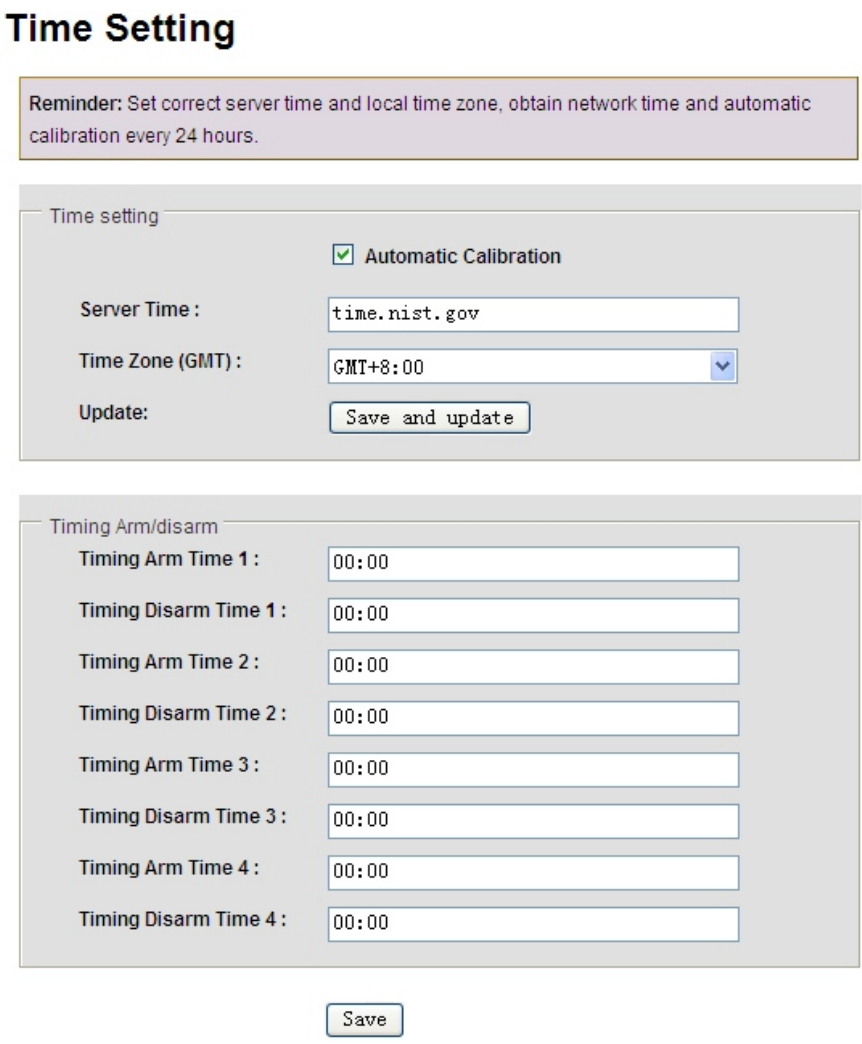
SMTP Server:	smtp.qq.com
SMTP port:	25
Email User Name :	888888888@qq.com
Email Login Password :	•••••••••
Sender :	888888888@qq.com
Recipients:	9999999999@qq.com

8.14、Time setting, click icon to enter setting.

1.The server can set example American National Standard Time Service Center, time.nist.gov

2.Set four group timing arm/disarm time. The schedule of auto arm/disarm sytem.

3.Please set the time follow the local time zone.



8.15、Home Automation setting:Click icon To enter settings.

Home Automation

prompt: This is to set remote controll, switch location and timing on/off of the swtich enrolled to the alarm panel. click"save"button to set and controll switch. The real-time switch satus maybe different from status you see on this page. click"save"click button to synchronize switch status.

NO.	swtich location	status	ON/OFF	timing on	timing off	submit
1.	1234567890			00:00	00:00	save
2.	3563233222			00:00	00:00	save
3.				00:00	00:00	save
4.				00:00	00:00	save
5.				00:00	00:00	save
6.				00:00	00:00	save
7.	1111111111			00:00	00:00	save
8.	1111111111			00:00	00:00	save
9.				00:00	00:00	save
10.				00:00	00:00	save
11.				00:00	00:00	save
12.				00:00	00:00	save
13.				00:00	00:00	save
14.				00:00	00:00	save
15.				00:00	00:00	save
16.	2222222222			00:00	00:00	save

1.User can enroll electric swith to panel or enter wireless codes of electric swither here.
2.Name the switch under switch location, set the time to turn on/off under timing on/timing off.
Then click save.If want swtich on/off the switch immediate you can choose on/off under ON/OFF.
The system can control 16 channels switch total.

Technical specification

General data.

Power supply: Built-in transformer Input 185-230VAC, Output 13VAC/2A

Can connect rechargeable battery:12V/7AH,Standby time 16hours

Frequency:433MHz/868MHz

Protocol with CMS: Ademco Contact ID

Signal transmit distance: 100 to 120 meters (open area)

The method of alarming dial: TCP/IP GSM or GPRS

Work temperature: 32F-120F

Storage temperature:-4F-140F

Humidity:85%, under 30

1.Operation temperature range: 0 ~45 32F ~120F

2.Storage temperature range: -20 ~60 -4F~140F

3.Relative humidity:85% at 30 86F

4.Color: as box indicated.

Maintenance

Regular test

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

The cleanliness of control main machine

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

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

Limitation of the products

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

Lack of maintenance, the system needs maintenance and test regularly test the sensitive of the detector may decrease and the siren may not whistle.Lack of power supply if no power input and the back up power is not enough, the panel can not work normally.Telephone line false, if the telephone line is cut, the panel could not send alarm signals. Limitation of smoke detectors, if the smoke is far from the smoke detector, the detector could not alarm.If the intrude break in through some door or window not monitored. Or someone know how to make the system not work.