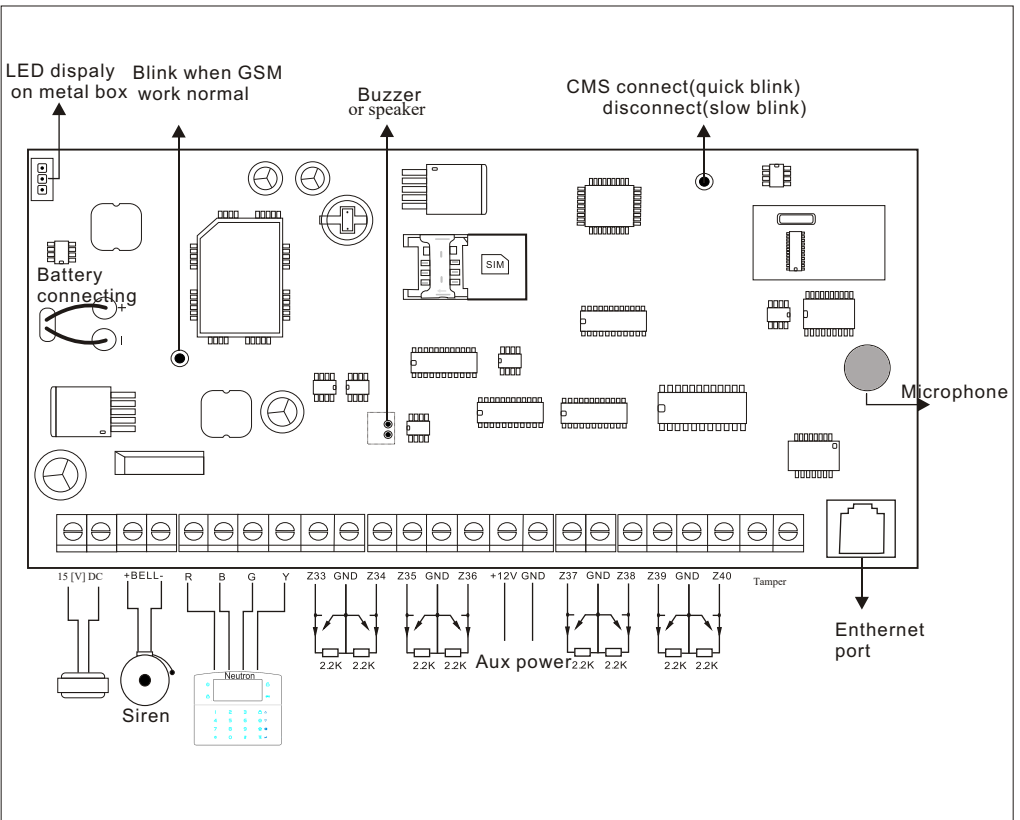


NEUTRON TCP/IP Alarm Control Panel Instruction Manual NTA-GNA8540



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 NTA-GNA8540
- Max recharge current of battery is 350MA

Thank you for choosing Neutron Burglar Alarm and Security Systems.

Brief

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

The 'smart home' system uses the most advanced digital sensing and control technology, it is a set of smart alarm control system of anti-theft, anti-fire, and anti-gas leak 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.

Once Neutron, Always Neutron!

**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.**

www.neutron.com.tr

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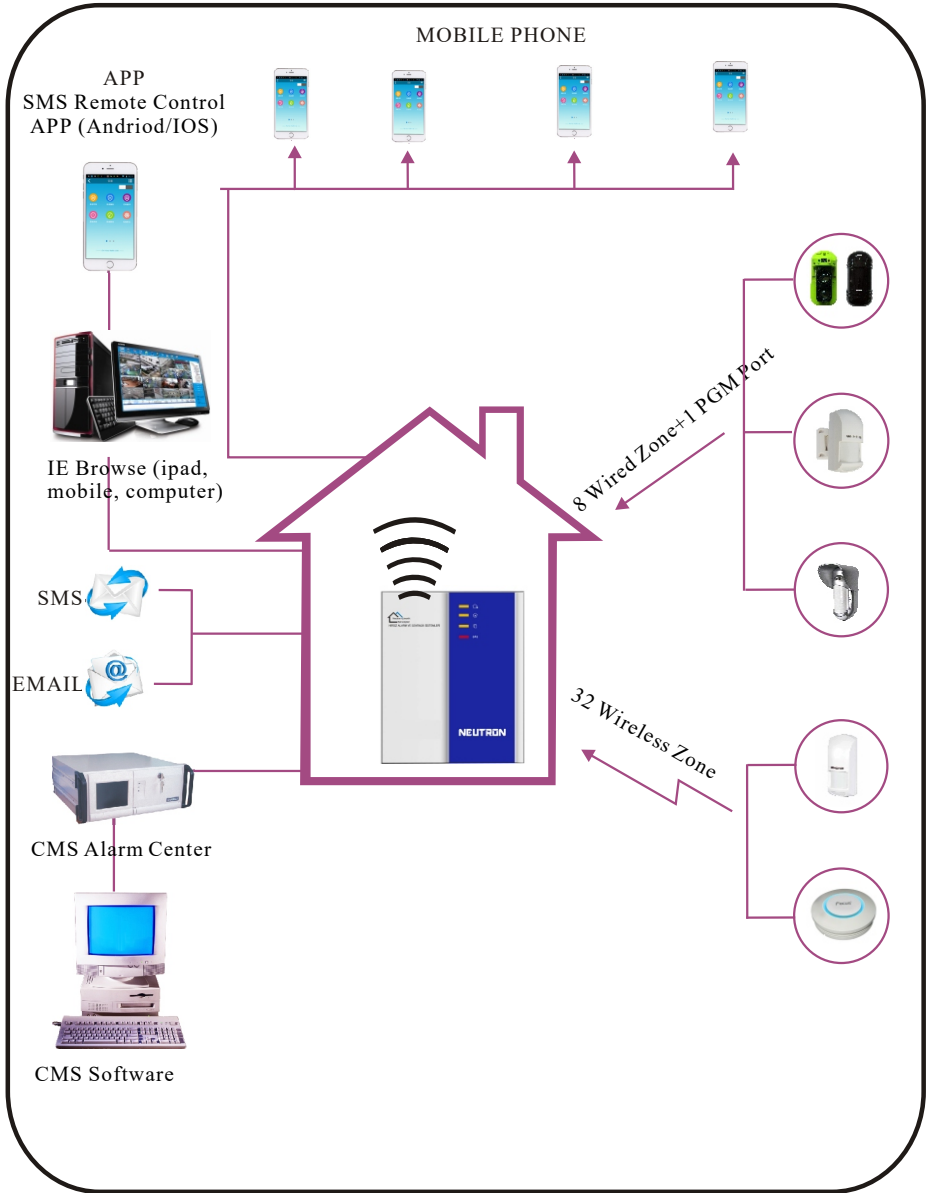
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Product Introduction

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.

 <p>1. Dial the GSM No. Of the alarm control panel.</p>	 <p>2. The alarm control panel auto off-hook</p>	 <p>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 Press 0 to disconnect</p>
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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 .

 <p>1. The alarm control panel dial preset voice phone as soon as alarm occurs.</p>	 <p>2. The user pick up the phone.</p>	 <p>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</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

GSM remote operation (on-site Intercom added)

When alarm occurs, GSM will call the preset voicenumber, 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 # SWITCHOPEN XX(XX=01-16 on behalf of appliance switch number)
Disable appliance switch command	#PWD1234 # SWITCHCLOSE XX(XX=01-16 on behalf of appliance switch number)

Note:

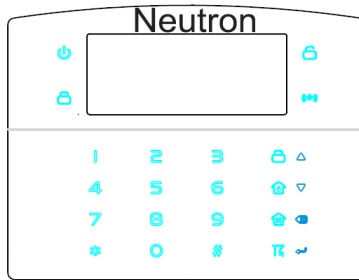
1, the factory default user code is 1234, when arm successfully, SMS auto reply ‘ arm successfully’ , if the password is correct, the command is not correct, SMS will reply ‘ operation failure’ , if the password is not correct, no SMS reply.

2, ‘FOR Enable/disable the appliance switch

#PWD1234 # SWITCHOPEN XX(01-16)

XX is forelectric 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 3 seconds, panel will alarming. During programming fire button is UP key.

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

Press and hold on emergency button for 3 seconds, 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 Arm system: PWD[1234]+ **HOME**

Disarm system: PWD[1234]+ **DISARM**

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

Enter programming: adminPWD[012345]+ ***** +[0]+ **#**

Exit programing: ***** + **#**

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

you can enter the programming to reset admin PWD.

LED Display on PANEL



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.

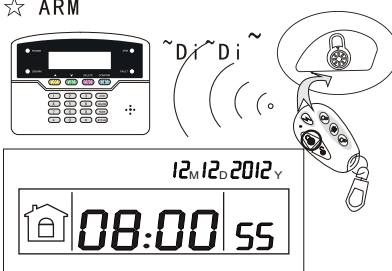
Zone fault display:

- 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.

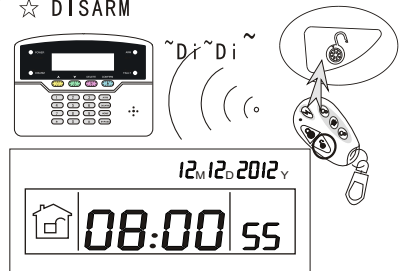
System Arm And Disarm

☆ ARM



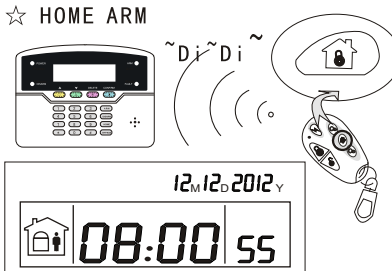
Press the armkey on remote or the keypad, then you hear system armed, please exit the protection area there will be Di-Di sound to confirm the system is armed successfully.

☆ DISARM



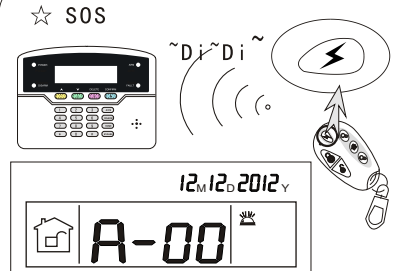
Press the disarm key on the remote or enter your user password on the keypad, then you will hear Di-Di and voice 'system disarmed', then you have disarm successfully.

☆ 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.

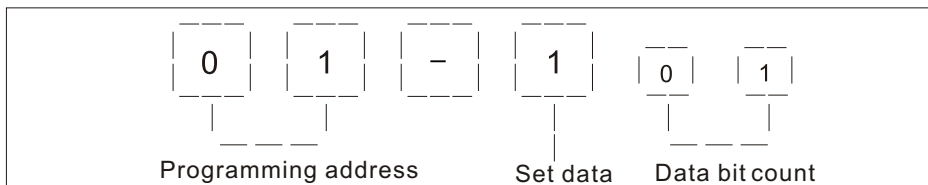
Note:
 Above photo is arm/disarm by the remote controller.
 Different way to arm/disarm, the CMS alarm center and SMS will display the below code and let you know which ways to arm/disarm the system.

Please install to factory settings before installation begins.

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 register ID
 38-CMS register 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-Communication 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 switch
 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

1.1 Admin Password setting

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

[012345] + * + [0] + # → [---] + [01] + [112233]

→ [01 - 3 06] + #

Keypad display Keypad display Programming Admin PWD address

Press * + # to back to Standby interface

1.2 User Password setting (default 1234)

Example: set the third user password as 5678

[012345] + * + [0] + # → [---] + [04] + [5678]

→ [04 - 8 04] + #

Keypad display Keypad display Programming User PWD address

Press * + # to back to Standby interface

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

[012345] + * + [0] + # → [---] + [20] + [80012345]

→ [20 - 5 08] + #

Keypad display Keypad display Programming Phone # address

Press * + # to back to Standby interface

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

[012345] + [*] + [0] + [#] → [---] + [22] + [6666]
 → [22 - 6 04] + [#]
 Keypad display Programming User ID address
 Press [*] + [#] to back to Standby interface

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

Example: set dial times as 4

[012345] + [*] + [0] + [#] → [---] + [23] + [04]
 → [23 - 4 02] + [#]
 Keypad display Programming Dial times address
 Press [*] + [#] to back to Standby interface

2.4 User phone # setting

Example: set the third user phone # as 93872105

[012345] + [*] + [0] + [#] → [---] + [26] + [93872105]
 → [26 - 5 08] + [#]
 Keypad display Programming Phone number address
 Press [*] + [#] to back to Standby interface

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)

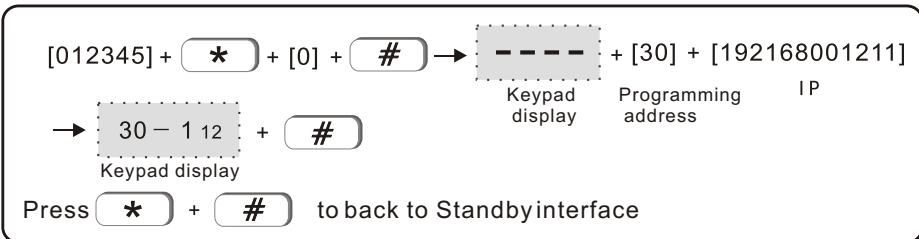
Example :set dial time as 3

[012345] + [*] + [0] + [#] → [---] + [28] + [03]
 → [28 - 3 02] + [#]
 Keypad display Programming Dial times address
 Press [*] + [#] to back to Standby interface

3. Network setting

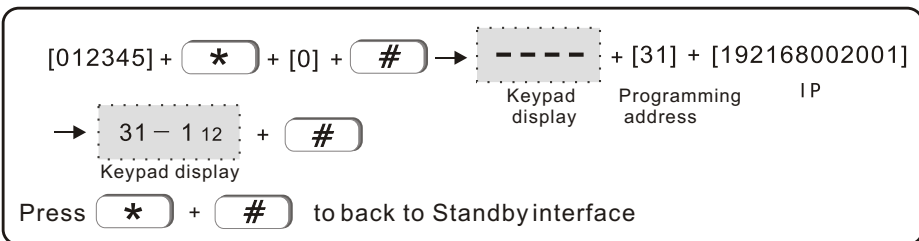
3.1 Native IP setting

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

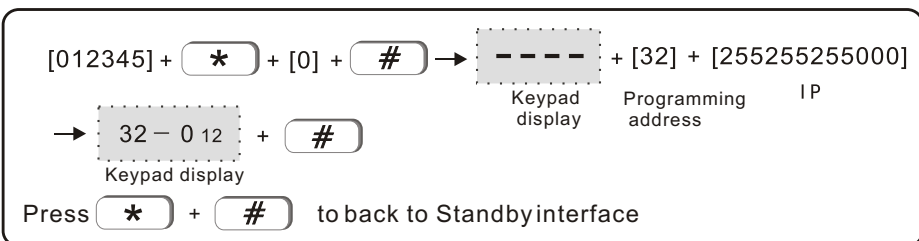


3.2-Network gateway setting (default 192.168.1.1)

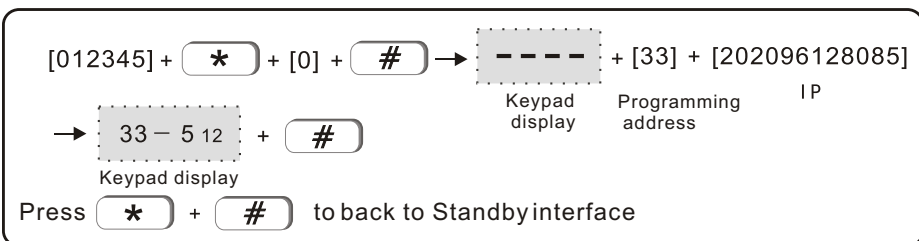
Example: set network gateway as 192.168.2.1



3.3 Network 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 as 009.009.009 (default is 008.008.008)

[012345] + [*] + [0] + [#] → [---] + [34] + [009009009009]
 Keypad display Programming address IP
 → [34 - 9 12] + [#]
 Keypad display
 Press [*] + [#] to back to Standby interface

3.6 CMS server IP

Example: set CMS server IP as 113.105.146.146 (default is 0.0.0.0)

[012345] + [*] + [0] + [#] → [---] + [35] + [113105146146]
 Keypad display Programming address IP
 → [35 - 6 12] + [#]
 Keypad display
 Press [*] + [#] to back to Standby interface

3.7 CMS server port

Example: set CMS server port as 01234 (default is 07974)

[012345] + [*] + [0] + [#] → [---] + [36] + [01234]
 Keypad display Programming Port address
 → [36 - 4 05] + [#]
 Keypad display
 Press [*] + [#] to back to Standby interface

3.8 CMS register ID Example: set CMS register ID as 55555555 (default is 88888888)

[012345] + [*] + [0] + [#] → [---] + [37] + [55555555]
 Keypad display Programming ID address
 → [37 - 5 08] + [#]
 Keypad display
 Press [*] + [#] to back to Standby interface

3.9 CMS resgitor PWD

Example: set CMS resgitor PWD as 01234567 (default is 00000000)

[012345] + * + [0] + # → ---- + [38] + [01234567]

→ 38 - 7 08 + #

Keypad display Keypad display Programming resgitor PWD address

Press * + # to back to Standby interface

3.10 CMS heartbeat time

Example: set CMS heartbeat time as 789 (default is 25)

[012345] + * + [0] + # → ---- + [39] + [789]

→ 39 - 9 03 + #

Keypad display Keypad display Programming Time address

Press * + # to back to Standby interface

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

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

Example: set entry delay as 15s

[012345] + * + [0] + # → ---- + [40] + [015] →

40 - 5 03 + #

Keypad display Keypad display Programming Time address

Press * + # to back to Standby interface

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

[012345] + * + [0] + # → ---- + [41] + [015] →

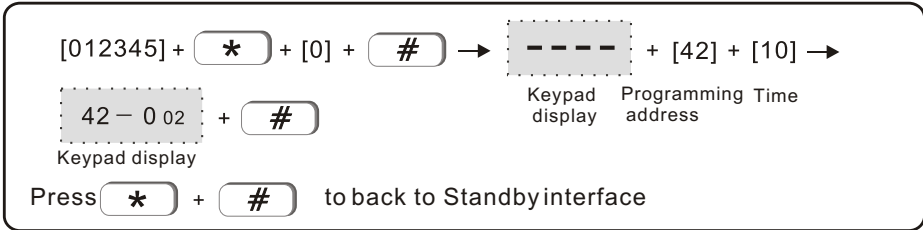
41 - 5 03 + #

Keypad display Keypad display Programming Time address

Press * + # to back to Standby interface

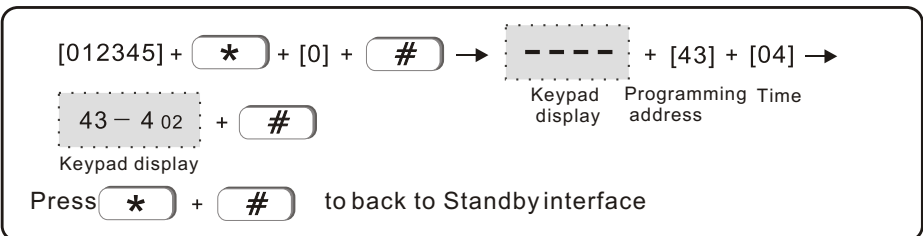
4.3 Siren time(default is 5minutes)

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

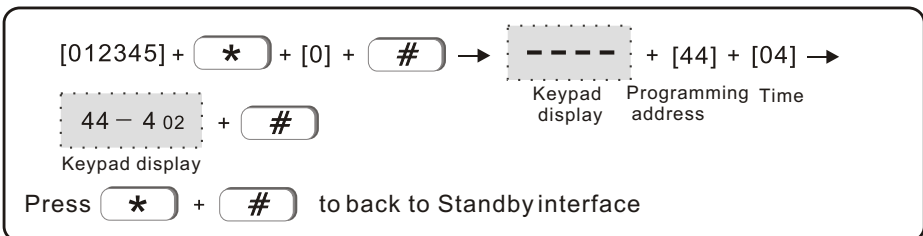


Note: Wireless detector send status signal to alarm panel every 3 hours. If the panel does not receive detector's status signal during setted inspection time, the panel will consider the detector loss.

Suggest to set wireless detector loss inspection time not shorter than 4hours.

4.5 AC off inspection time(default is 00, not inspect)


Example: set AC off inspection time as 4hours

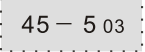


4.6 Communication inspection Interval: the interval time of the communication between alarm panel and CMS.

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

[012345] + * + [0] + # →  + [45] + [015] →

 + #


Keypad display Keypad display Programming Time address

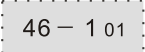
Press * + # to back to Standby interface

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.

[012345] + * + [0] + # →  + [46] + [1] →


 + #

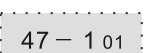
Keypad display Keypad display Programming address

Press * + # to back to Standby interface

4.8Arm/disarm report(default not report) 1> report 2> not report

Example: set arm/disarm report to CMS

[012345] + * + [0] + # →  + [47] + [1] →

 + #


Keypad display Keypad display Programming address

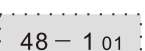
Press * + # to back to Standby interface

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

[012345] + * + [0] + # →  + [48] + [1] →

 + #

Keypad display Keypad display Programming address

Press * + # to back to Standby interface

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

[012345] + * + [0] + # → [---] + [49] + [1] →

49 - 1 01 + #

Keypad display Keypad display Programming address

Press * + # to back to Standby interface

4.11 Wireless detector 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> enable 2> disable

Example: Disable the wireless detector tamper alarm inspection

[012345] + * + [0] + # → [---] + [50] + [1] →

50 - 1 01 + #

Keypad display Keypad display Programming address

Press * + # to back to Standby interface

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

1> 3 times limited 2> no limited

Example: Set zone alarm 3 times

[012345] + * + [0] + # → [---] + [51] + [1] →

51 - 1 01 + #

Keypad display Keypad display Programming address

Press * + # to back to Standby interface

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 as 10:01:23 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

5.2 Manual code remote

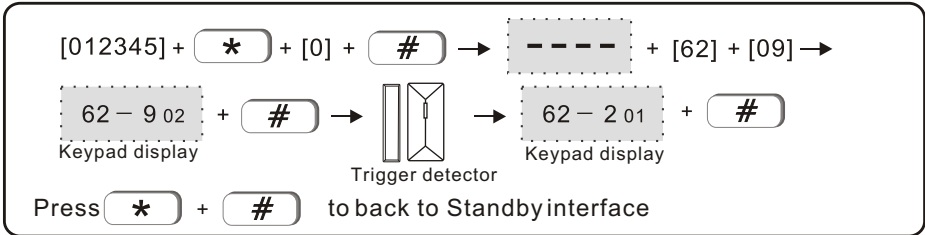
Example: Manual code the remote 077230023

[012345] + * + [0] + # → [----] + [61] + [1] →
 [61 - 1 01] + # → [077230023] → [61 - 3 09] + #

Press * + # to back to Standby interface

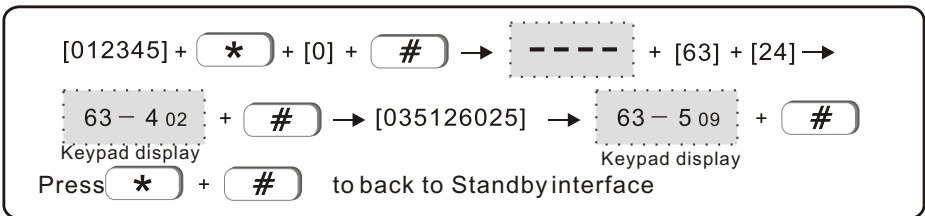
5.3 Auto code detector

Example: Auto code #9 detector



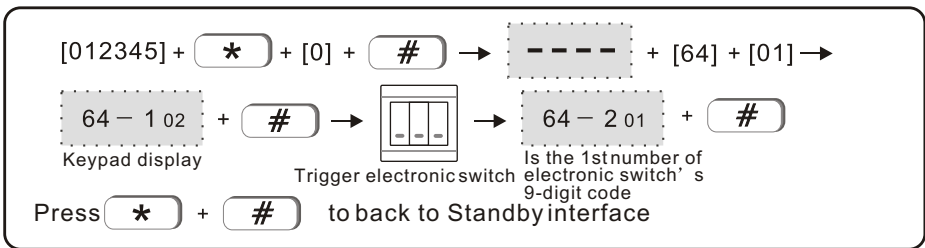
5.4 Manual code detector

Example: Manual code #24 detector 035126025

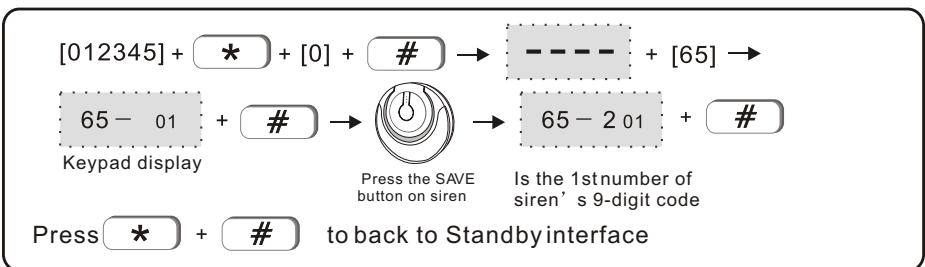


5.5 Code electronic switch

Example: Auto code #1 electronicswitch



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

[012345] + [*] + [0] + [#] → [---] + [66] + [8] →
 Keypad display Programming address
 66 - 8 01 + [#]
 Press [*] + [#] to back to Standby interface

Note: enter 0 to delete all remote

5.8 Delete detector

Example: Delete 11th detector

[012345] + [*] + [0] + [#] → [---] + [67] + [11] →
 Keypad display Programming address
 67 - 1 02 + [#]
 Press [*] + [#] to back to Standby interface

Note: Enter 00 to delete all detectors

5.9 Delete electronicswitch

Example: Delete the #4 switch

[012345] + [*] + [0] + [#] → [---] + [68] + [04] →
 Keypad display Programming address
 68 - 4 02 + [#]
 Press [*] + [#] to back to Standby interface

5.10 Delete dual-way siren

[012345] + [*] + [0] + [#] → [---] + [69] →
 Keypad display Programming address
 69 - 01 + [#]
 Press [*] + [#] to back to Standby interface

Note: Deleted is dual-way siren

6. Set system zone attribution

6.1 set zone attribution

The type of zone attribution is as below:

- | | | |
|-----------------|------------------|-------------------|
| 0>disable zone | 1> delay zone | 2> perimeter zone |
| 3>interior 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 alarm under any system 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

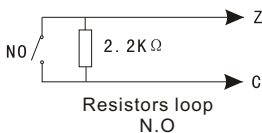
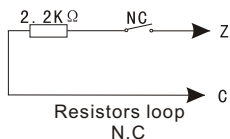
[012345] + [*] + [0] + [#] → [---] + [70] + [30] →

[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 (default is pedal tone)

the options as below

- 1>pedal tone 2>pulse tone 3>mute

Example: Set zone 33 siren type as pulse tone

[012345] + * + [0] + # → [----] + [71] + [33] →

71 -3 02 + # + [2] → 71 -2 01 + #

Press * + # to back to Standby interface

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 trigger 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

[012345] + * + [0] + # → [----] + [72] + [4] →

72 - 4 01 + # → 72 - 0 01 + [05] → 72 - 5 02 + #

→ 72 - 0 01 + [09] → 72 - 9 02 + # → 72 - 0 01

+ [120] → 72 - 0 03 + #

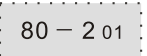

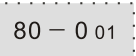
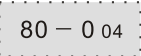

Press * + # to back to Standby interface

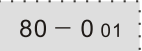
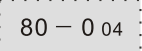

7. Other settings



7.1 Set timing arm/disarm operation

Example: Set #2 group of timing arm at 10:00, disarm on 12:00

[012345] +  + [0] +  →  + [80] + [2] →



 80 - 2 01 +  →  80 - 0 01 + [1000] →  80 - 0 04 + 

→  80 - 0 01 + [1200] →  80 - 0 04 + 

Press  +  to back to Standby interface

7.2 Recording



[012345] +  + [0] +  →  + [81] + [1] + 

Press  +  to back to Standby interface

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

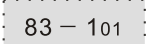

7.3 Play recording



[012345] +  + [0] +  →  + [82] → Play recording

Press  +  to back to Standby interface

7.4 Restore to factory default

[012345] +  + [0] +  →  + [83] + [1]

→  83 - 1 01 + 


Press  +  to back to Standby interface



7.5 SMS language setting

Options as below: 0> Chinese 1> English

Example: Set SMS language as english

[012345] +  + [0] +  →  + [84] + [1]

→  84 - 101 + 

Press  +  to back to Standby interface

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

[012345] +  + [0] +  →  + [85] + [2]

→  85 - 201 + 



Press  +  to back to Standby interface

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

[012345] +  + [0] +  →  + [86] + [00081]

→  86 - 105 + 

Press  +  to back to Standby interface



Note: Network port 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

[012345] +  + [0] +  →  + [87] + [1]

→  87 - 101 + 

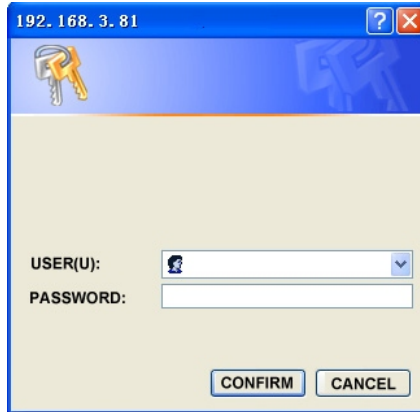
Press  +  to back to Standby interface

Web IE Introduction

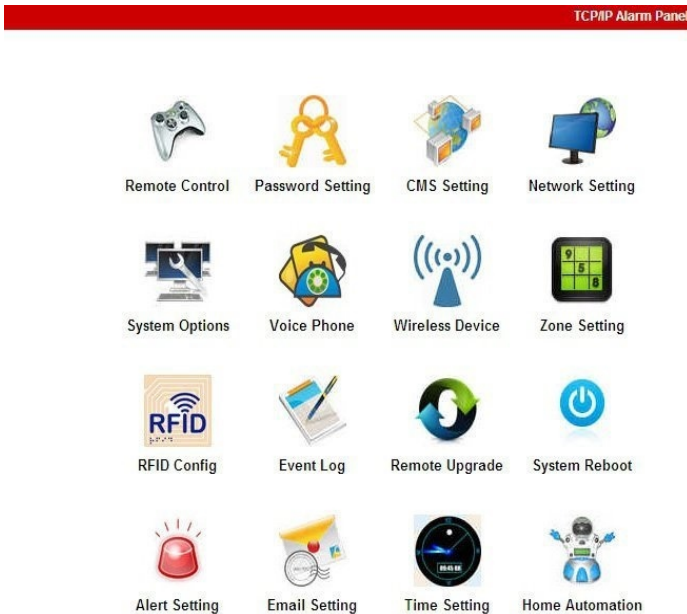
The panel's fabricated IP address is 192.168.1.81. This is your IP address in the first setup.
If you do not remember the IP address, you can reach the interface of the panel by typing `neutron_ip/`

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.

TCP/IP Alarm Panel

Remote Control



Return to main menu

prompt: Achieve network remote control

System status

System arm/disarm: system stay system arm system stay system disarm cancel alarm

Zone bypass

zone: **bypass:**

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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.

Zone bypass

zone: 28 **bypass:** Enable

System status

NO.	ZONE/SYSTEM	STATUS
1	28	zone bypass

8.2 Password Setting

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

TCP/IP Alarm Panel

Set password



Return to main
menu

prompt : Change the login username and password ,Only WEB admin and WEB user password can login web pages,User password just can operate from the panel.

WEB Admin

WEB login username:

WEB login password :

WEB user

WEB login username:

WEB login password :

Panel user

User password No.:

User password:

Save

Copyright © Neutron Technology, Inc

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.

CMS Phone	
<input checked="" type="checkbox"/>	Enable CMS Phone
CMS Phone No. 1:	<input type="text" value="075584844181"/>
CMS Phone No. 2:	<input type="text" value="075584844182"/>
User ID No.:	<input type="text" value="1234"/>
Dialing times (1-15):	<input type="text" value="5"/>


8.3.2 Network CMS settings:

Enable Network CMS: Click “” to enable .

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

Network CMS	
<input checked="" type="checkbox"/>	Enable Network CMS
Server Address:	<input type="text"/>
Server Port:	<input type="text" value="7974"/>
User ID:	<input type="text" value="15033011"/>
Password:	<input type="text" value="11111111"/>
Heartbeat times(1-255s):	<input type="text" value="180"/>

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

Network Configuration	
MAC Address:	<input type="text" value="00:00:31:4E:45:38"/>
Panel name:	<input type="text" value="NEUTRON_IP"/>
IP Address:	<input type="text" value="192.168.3.81"/>
Default gateway:	<input type="text" value="192.168.3.1"/>
Subnet mask:	<input type="text" value="255.255.255.0"/>
Preferred DNS:	<input type="text" value="202.96.128.86"/>
Standby DNS:	<input type="text" value="8.8.8.8"/>

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.

8.5. System Options: click icon to system options settings

System Options

Entry delay(0-255S):

Exit delay(0-255S):

Siren time(0-30M):

Wireless detector loss(H):

AC off inspection time(M):

Communication test(H):

Arm/disarm tone:

Arm/disarm report:

Force arm:

Door contact inspection:

Wireless detector tamper:

Zone alarm times:

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 powercut, 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 inspection. 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.

Voice Phone	
voice phone 1:	<input type="text" value="136026025176"/>
voice phone 2:	<input type="text" value="14121212122121219"/>
voice phone 3:	<input type="text" value="424242"/>
voice phone 4:	<input type="text" value="42244554"/>
Redial attempts(1-15):	<input type="text" value="5"/>

Save

8.7. Wireless devices: Click icon  to enter wireless device settings

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


Wireless detector: NO.1-32 total 32 detectors

Wireless appliance switch: NO.1-16 total 16 appliance switch

Wireless Devices	
remote controller No.:	<input type="text" value=""/>
remote controller ID:	<input type="text" value=""/>
detector No.:	<input type="text" value=""/>
detector ID:	<input type="text" value=""/>
appliance switch No.:	<input type="text" value=""/>
appliance switch ID:	<input type="text" value=""/>

Save

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

8.8.2 Set related zones NO.1-8

Zone Configuration

prompt: setup the system zone attributions and related zone. admin authority operation.


Zone Name: to give a name to the zone, when the host send emails and SMS, it will be sent zone name instead of zone No..

Related Zone: only trigger one of a group of related zone won't alarm, In a set of related time, it has triggered a set of related zone of two successively, it can lead to alarm. setup the related time 0 refer to the related zone disable.

Zone Attribution	
zone No.:	<input type="text"/>
attributions:	<input type="text" value="Disable"/>
siren type:	<input type="text" value="pedal point"/>
zone name:	<input type="text"/>

Related Zone	
related zone group:	<input type="text"/>
related zone 1:	<input type="text"/>
related zone 2:	<input type="text"/>
related time(0-255s):	<input type="text"/>

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

Remote Upgrade

Warning: Error of the upgrade file will bring disastrous consequences to your device, please be careful operation! If there is a upgrade error [please contact us](#). The upgrade file is divided into application and webpage file. An upgraded operation need all or part of the files. Please contact your distributors for further details. If you need to upgrade webpage and application at the same time, please upgrade the webpage in advance.

Admin Authority Operation

Webpage Ver.: V0.01F

Hardware Ver.: V0.02F Aug 23 2013

Software Ver.: V0.22F May 15 2015 17:31:56

Webpage

webpage:

browsing

submit

Application

application:


browsing

submit

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.

After updating the device, please load it to the factory settings so that all settings are active!

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

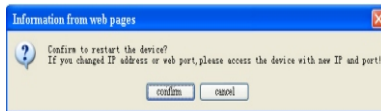
System reboot

Turn off the device to restart:

Factory settings

Restore to factory default:

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.

prompt : Set the methods of sending alert and administrator rights.

Alert Setting

System Alert:


Methods of sending: CMS Voice Phone SMS Email

GPRS Parameter Configuration

GPRS APN :

GPRS USER :

GPRS PASSWORD :


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:	<input type="text" value="smtp.qq.com"/>
SMTP port:	<input type="text" value="25"/>
Email User Name :	<input type="text" value="888888888@qq.com"/>
Email Login Password :	<input type="password" value="••••••••"/>
Sender :	<input type="text" value="888888888@qq.com"/>
Recipients:	<input type="text" value="999999999@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.

Time Setting

Reminder: Set correct server time and local time zone, obtain network time and automatic calibration every 24 hours.

Time setting

Automatic Calibration

Server Time :

Time Zone (GMT) :

Update:

Timing Arm/disarm

Timing Arm Time 1 :

Timing Disarm Time 1 :

Timing Arm Time 2 :

Timing Disarm Time 2 :

Timing Arm Time 3 :

Timing Disarm Time 3 :








Timing Arm Time 4 :

Timing Disarm Time 4 :

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

Home Automation

prompt: This is to set remote control, switch location and timing on/off of the switch enrolled to the alarm panel. click "save" button to set and control switch. The real-time switch status 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		<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
2.	3563233222		<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
3.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
4.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
5.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
6.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
7.	1111111111		<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
8.	1111111111		<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
9.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
10.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
11.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
12.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
13.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
14.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
15.			<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>
16.	2222222222		<input type="button" value="v"/>	00:00	00:00	<input type="button" value="save"/>

1. User can enroll electric switch 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 switch on/off the switch immediate you can choose on/off under ON/OFF.

The system can control 16 channels switch total.

Additional Features

Wired siren setting;

If the wired siren is operating the reverse trigger, you can dial 012345 * 0 # 881 # via the keypad. (2 codes allow 880 and 881)

For alarm sound on / off ;

012345 * 0 # 910 # Sound Off

012345 * 0 # 911 # Sound On

Technical specification

General data.

Power supply: Built-in transformer Input 220VAC, Output 15 [V] DC Can connect rechargeable battery:12V/7AH,Standby time 16hours Frequency:868MHZ

Protocol with CMS: Ademco Contact ID

Signal transmit distance: 100 to 200 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 intruder break in through some door or window not monitored. Or someone know how to make the system not work.

IMPORTER COMPANY

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