Wiring diagramme

LED display on metal box
Blink when GSM work normal
Buzzer or speaker
CMS connect (quick blink)
disconnect (slow blink)

Power supply
- Built-in 220AC transformer.
- 12V DC, 7AH battery.
- Battery standby 16 hours 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.

www.neutron.com.tr
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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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
Alarm Procedure

MOBILE PHONE

APP
SMS Remote Control
APP (Android/IOS)

IE Browse (ipad, mobile, computer)

SMS
EMAIL

CMS Alarm Center

CMS Software

8 Wired Zone+1 PGM Port

32 Wireless Zone
Remote Phone Control
User makes a phone call to the GSM number of the alarm control panel. Directly connect to the alarm control panel, according to the voice prompt to input the password as shown in the photo.

1. Dial the GSM number of the alarm control panel.
2. The alarm control panel automatically returns the call.

3. Please enter the default password 1234.
   - Press 1 to arm the system
   - Press 2 to disarm the system
   - Press 3 to stay armed
   - Press 4 to check system status
   - Press 5 to appliance switch control
   - Press 9 to talk-back
   - Press 0 to disconnect

Alarm Receiving Phone Operation
When an alarm occurs, the panel will dial the pre-set voice phone number. When the user answers the call, they will hear the voice prompting as below.
If not pressed to cancel the alarm or press 4 to disarm the system, after hanging up, the panel will call other pre-set voice phone numbers.

1. The alarm control panel will dial the pre-set voice phone number as soon as the alarm occurs.
2. The user picks up the phone.

3. Play the recorded voice message first.
   - Press 1 to cancel the alarm
   - Press 2 to check alarm event
   - Press 3 to arm the system
   - Press 4 to disarm the system
   - Press 5 to stay armed
   - 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**

<table>
<thead>
<tr>
<th>Command</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm Command</td>
<td>#PWD1234 #ARM</td>
</tr>
<tr>
<td>Disarm Command</td>
<td>#PWD1234 #DISARM</td>
</tr>
<tr>
<td>Home Arm Command</td>
<td>#PWD1234 # HOME</td>
</tr>
<tr>
<td>Status Checking command</td>
<td>#PWD1234 # CHECK</td>
</tr>
<tr>
<td>Enable appliance switch command</td>
<td>#PWD1234 # SWITCH OPEN XX(XX=01-16)</td>
</tr>
<tr>
<td>Disable appliance switch command</td>
<td>#PWD1234 # SWITCH CLOSE XX(XX=01-16)</td>
</tr>
</tbody>
</table>

**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 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: admin PWD[012345]+ ⋆+[0]+ #
Exit programming: ⋆+#
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 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:

<table>
<thead>
<tr>
<th>A-08</th>
<th>F-08</th>
<th>P-08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 8 alarming</td>
<td>Zone 8 fault</td>
<td>Zone 8 bypass</td>
</tr>
</tbody>
</table>

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

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.

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:

```
0 1 - 1 0 1
```

Programming address Set data Data bit count

Administrator menu and programming address:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<td>02-16</td>
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<td>20-21</td>
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<td>36</td>
<td>CMS server port</td>
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<td>CMS heartbeat time</td>
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<td>Entry delay</td>
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<td>46</td>
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<td>Enroll remote controller</td>
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<td>63</td>
<td>Manual enter wireless code of detector</td>
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<td>64</td>
<td>Enroll wireless electronic switch</td>
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<td>65</td>
<td>Enroll wireless siren</td>
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1. PASSWORD SETTING

1.1 Admin Password setting

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

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

Keypad display Programming address Admin PWD

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]
```

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]
```

Keypad display Programming address Phone #

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 ] + [ # ] → Keypad display

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 5 times)

Example: set dial times as 4

[012345] + [ * ] + [ 0 ] + [ # ] → Keypad display

Press [ * ] + [ # ] to back to Standby interface

2.4 User phone # setting

Example: set the third user phone # as 93872105

[012345] + [ * ] + [ 0 ] + [ # ] → Keypad display

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 ] + [ # ] → Keypad display

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] + # \to \begin{array}{c}
\text{Keypad display} \\
34 - 9 12 \\
\end{array} + [34] + [009009009009]

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] + # \to \begin{array}{c}
\text{Keypad display} \\
35 - 6 12 \\
\end{array} + [35] + [113105146146]

Press * + # to back to Standby interface

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

[012345] + * + [0] + # \to \begin{array}{c}
\text{Keypad display} \\
36 - 4 05 \\
\end{array} + [36] + [01234]

Press * + # to back to Standby interface

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

[012345] + * + [0] + # \to \begin{array}{c}
\text{Keypad display} \\
37 - 5 08 \\
\end{array} + [37] + [55555555]

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 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 Programming Time address

Press * + # to back to Standby interface

NOTE: It 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 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 Programming Time address

Press * + # to back to Standby interface
4.3 Siren time (default is 5 minutes)
Example: set siren time as 10 minutes

```
[012345] + * + [0] + # → - - - - + [42] + [10] →

Keypad display Programming Time address
```

Press * + # to back to Standby interface

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

```
[012345] + * + [0] + # → - - - - + [43] + [04] →

Keypad display Programming Time address
```

Press * + # to back to Standby interface

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 timenot shorter than 4 hours.

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

```
[012345] + * + [0] + # → - - - - + [44] + [04] →

Keypad display Programming Time address
```

Press * + # to back to Standby interface

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 15 hours
4.7 Arm/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.

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

4.9 Set 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

4.11 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

4.12 Set zone alarm times: If set zone alarm times as 3, before cancel alarm or disarm, continuus 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
4.14 System time set
Example: set system time as 10:01:23 11/JULY/2015

5. Wireless device setting
5.1 Auto Code remote
Example: Auto code remote on the 5th position

5.2 Manual code remote
Example: Manual code the remote 077230023
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 electronic switch

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

\[
[012345] + \text{#} + [0] + \# \rightarrow \text{Keypad display} + [66] + [8] \rightarrow
\]

66 - 8 01 + #

Press * + # to back to Standby interface

Note: enter 0 to delete all remote

5.8 Delete detector
Example: Delete 11th detector

\[
[012345] + \text{#} + [0] + \# \rightarrow \text{Keypad display} + [67] + [11] \rightarrow
\]

67 - 1 02 + #

Press * + # to back to Standby interface

Note: Enter 00 to delete all detectors

5.9 Delete electronic switch
Example: Delete the #4 switch

\[
[012345] + \text{#} + [0] + \# \rightarrow \text{Keypad display} + [68] + [04] \rightarrow
\]

68 - 4 02 + #

Press * + # to back to Standby interface

5.10 Delete dual-way siren

\[
[012345] + \text{#} + [0] + \# \rightarrow \text{Keypad display} + [69] \rightarrow
\]

69 - 0 1 + #

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

Example: set zone 33 siren type as pulse tone

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
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 100 sec.
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 01 + [#] → 80 – 0 01 + [1000] → 80 – 0 04 + [#] → 80 – 0 01 + [1200] → 80 – 0 04 + [#] 
```

Press [asterisk] + [#] to back to Standby interface

7.2 Recording

```
[012345] + [0] + [#] →  
```

Press [asterisk] + [#] to back to Standby interface

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

7.3 Play recording

```
[012345] + [0] + [#] →  
```

Press [asterisk] + [#] to back to Standby interface

7.4 Restore to factory default

```
[012345] + [0] + [#] →  
83 – 101 + [#] 
```

Press [asterisk] + [#] to back to Standby interface
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 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
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.

**Remote Control**

- **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.

Set password

**WEB Admin**

<table>
<thead>
<tr>
<th>WEB login username:</th>
<th>admin</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEB login password:</td>
<td>******</td>
</tr>
</tbody>
</table>

**WEB user**

<table>
<thead>
<tr>
<th>WEB login username:</th>
<th>user</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEB login password:</td>
<td>*****</td>
</tr>
</tbody>
</table>

**Panel user**

<table>
<thead>
<tr>
<th>User password No.:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>User password:</td>
<td></td>
</tr>
</tbody>
</table>

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, parameters 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 needs to set IP according to local IP settings, cannot use the same IP for several alarm panels.
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: 30 minutes
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.
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.

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

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 authorty 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.:**
- **attributions:**
- **siren type:**
- **zone name:**

**Related Zone**

- **related zone group:**
- **related zone 1:**
- **related zone 2:**
- **related time(0-255s):**

**Save**

Note: Key zone is only for Wired zones NO.33-40 only
8.9. System Event Log, click icon 📚 to enter.

**System Event Log**

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

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

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 \( \text{\textcircled{\text{O}}} \) 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 \( \text{\text{\ding{85}}} \) 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: CMNET
- 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 otherwise the 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.
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 system.
   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**

- **Server Time:** time.nist.gov
- **Time Zone (GMT):** GMT+8:00
- **Update:** Save and update

**Timing Arm/disarm**

- **Timing Arm Time 1:** 00:00
- **Timing Disarm Time 1:** 00:00
- **Timing Arm Time 2:** 00:00
- **Timing Disarm Time 2:** 00:00
- **Timing Arm Time 3:** 00:00
- **Timing Disarm Time 3:** 00:00
- **Timing Arm Time 4:** 00:00
- **Timing Disarm Time 4:** 00:00

Save
8.15. Home Automation setting: Click icon  🚒 to enter settings.

Home Automation

<table>
<thead>
<tr>
<th>NO.</th>
<th>switch location</th>
<th>status</th>
<th>ON/OFF</th>
<th>timing on</th>
<th>timing off</th>
<th>submit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1234567890</td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>2.</td>
<td>3563233222</td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>7.</td>
<td>11111111111</td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>8.</td>
<td>11111111111</td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>9.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>10.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>11.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>12.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>13.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>14.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>15.</td>
<td></td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
<tr>
<td>16.</td>
<td>22222222222</td>
<td></td>
<td></td>
<td>00:00</td>
<td>00:00</td>
<td>save</td>
</tr>
</tbody>
</table>

1. User can enroll electric switch to panel or enter wireless codes of electric switcher 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 1 [V] DC Can connect rechargeable battery: 12V/7AH, Standby time 16 hours 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 intrude break in through some door or window not monitored. Or someone know how to make the system not work.
IMPORTER COMPANY
TMS GÜVENLİK SİSTEMLERİ BİLİŞİM DIŞ TİCARET LTD. ŞTİ.
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İSTANBUL
www.tmsguvenlik.com info@tmsguvenkil.com
TEL: 0212 210 27 76 FAX: 0212 210 27 76

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1008 FLAT, 10-FLOOR, WIND TUCK COMMERCIAL CENTRE
177-183 WING LOK STREET SHEUNG WAN/HONG KONG
TEL: 00852 30-756319