GSM INTRUSION ALARM SYSTEM

INSTRUCTION MANUAL

GSM Level 99%
Away Arm
9:00 PM 20°C
18/08/2013 Sunday

GSM - PSTN - SMS - TOUCH
GSM Wireless Security Alarm System
SECURE YOUR HOME AND BUSINESS
Key Features

- Smart touch keypad with 4 line message LCD display
- Quad-band GSM communication, works with SIM card
- Calendar, five personal emergency phone numbers
- One central monitoring station phone number
- Alarm notification via phone call or SMS
- Built-in speaker and microphone
- Remote two-way intercom
- Extra SMS phone number for system's status
- Alarm memo, entry delay, exit delay
- Hybrid alarm, 30 wireless zones, 4 hardwired zones
- Advanced zone attribute, user-friendly zone names
- Temperature display and relay signal output
- Support wireless LCD/LED keypad and wireless siren
- Support user code and installer code
- 100 alarm log
- SMS alert, when system: Arm/Disarmed, sensor's low battery, AC power failure, phone line disconnect
- Reset factory design
- Built-in siren
- Alarm communication via ADEMCO Contact ID protocol
- Backup rechargeable battery, last more than 24 hours
- Work with CCTV system, IP camera
Technical Information

- Power supply: AC=100 ~ 230V 50Hz/60Hz
- Working voltage: DC12V 1A
- Static current: < 35mA (when not in charging)
- Alarm current: < 120mA
- Backup Battery: 3.7V 800mA
- Standby time: Around 24 hours
- Charging time: 8 hours
- GSM frequency: 850/900/1800/1900MHz
- GSM Transmission power: 2W
- Receiving and emitting frequency: 433MHz (868MHz optional)
- Wireless transmission distance: ≤100 m (Open space)
- Working condition: Temperature: -10ºC ~ 50ºC Humidity: 5% ~ 80%
Font panel View

① LCD Display
② GSM Signal LED
③ Fire Alarm
④ Burglary
⑤ Medical Help
⑥ SpeedDial Button
⑦ Home/Stay Arm
⑧ Down/Disarm
⑨ SET/Exit
⑩ Up/Away Arm
⑪ Left/Delete/Log/*
⑫ Right/Phone Call/#
Back panel View

- Anti-Tamper Switch
- Installation Bracket
- Speaker
- Wired Connection
- SIM Card Slot
- Reset
- DC 12V input jack
- Telephone line

ON OFF

+12V | 31 32 33 34 |- BELL+| No Com |
Arm/Disarm System

Activate Away Arm
In keypad, touch  to activate Away Arm.
Remotely via SMS, send SMS content: xxxx1
Remotely via phone, make phone call to alarm system, after pick up, input xxxx#, you will hear "di" sound, press 1 to activate the Away Arm.

Activate Stay Arm
In keypad, touch  to activate the Stay Arm
Remotely via phone, make phone call to alarm system, after pick up, input xxxx#, you will hear "di" sound, press 2 to active the Stay Arm

Disarm
In keypad, touch then, input xxxx+OK
Remotely via SMS, send SMS content: xxxx0
Remotely via phone, make phone call to alarm system, after pick up, input xxxx#, you will hear "di" sound, press 3 to disarm.

Notice
"xxxx" is the current user code, default user code is "1111", and default admin/installer code is "1234"

The system is working with separate wireless LCD/LCD keypads, for activate and deactivate operation, please refer to manual of wireless keypad.
Voice Memo/Phone Call

Quick Alarm
Touch 🔥 for 2 seconds to trigger fire alarm.
Touch 🔴 for 2 seconds to trigger burglary alarm.
Touch 🍀 for 2 seconds to trigger medical help.

Recording Voice Memo
When system is in Disarm status, touch for 2 seconds for recording memo.
Maxim recording time is 10 seconds.

Playback Voice Memo
When system is in Disarm status, touch the system will playback the voice memo.

Check System Log
The system can record 100 pieces event log, you can touch ☐️ to check these log, when system is not in setup status.

Make Phone Call
When alarm system in disarm status, you can make phone call via alarm panel. Touch 📞 then input the phone number, touch OK to make phone call.
The function enables alarm system can be used as a portable cell phone.

Pick up Phone Call
If there is a phone call to alarm system, the confirm circle's LED will light up, and you can touch to pickup phone call.

Speed Dial Function
When touch "A" or "B" key on the keypad, the alarm system will make the speed dial phone call with preset phone numbers (eg: the person that needs to be notified in case of an emergency, a carer, Mum or Dad).
Basic Alarm Setting

Enter into Setting Status
When system is in Disarm status, touch then input admin code, default "1234", touch "OK" for confirm, to enter into setting status.

System Time setting
When system is setting status, choose the "Time Setting" for modifying the current time. The time will automatically back to default, once the alarm system is complete OFF.

Touch "▲▼" to select and "❌" to delete the default date, then enter with new time (XX hours, XX minute, XX second). Do same procedure for date.
Touch "▼" and "◄►" select the week, touch "OK" to confirm all settings.

Time Setting
Phone No. Setting
SMS Setting
Record

Time Setting
04:54:08
09/11/2013
THU

Alarm Receiving Phone Number
This alarm system can totally preset up to 5 personal emergency phone numbers for alarm receiving.

Phone Groups 1
Alarm Call >
28901540

Touch "◄►" to select the Alarm Call or Alarm SMS, then touch "▼", you can input the number. 1st and 2nd group for setting Alarm SMS, 3rd group for setting Alarm SMS or Alarm Call, 4th & 5th groups for setting Alarm Call. Touch "❌" you can delete the existing phone number.
You need touch "OK" to save, and navigate into next phone number setting menu.

Notice: Maximum digitals for phone number input is 15.
Basic Alarm Setting

SMS Number for System Status
The alarm system can preset one phone number for receiving SMS report of system's status, including AC power recover, Arm/Disarm, PSTN OFF, Host Low Voltage, Sensor Low Voltage.

<table>
<thead>
<tr>
<th>Time Setting</th>
<th>Phone No. Setting</th>
<th>SMS Phone No.</th>
<th>AC Power Recover</th>
<th>Arm/Disarm SMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone No. Setting</td>
<td>SMS Phone No.</td>
<td>1388888888888</td>
<td>OFF</td>
<td>OFF</td>
</tr>
<tr>
<td>SMS Setting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Record</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Touch "◄►" to select enabled or disable the event report.

AC power recover means when external electricity is recover, the alarm system will send SMS. Arm/Disarm SMS means when alarm system is Armed or Disarmed, the system will send SMS. PSTN Off means when fixed phone line is cut or with trouble, the system will send SMS. Host Low Volt means when backup battery is low, the system will send SMS. Sensor Low Volt means when batteries run out in wireless sensors, it will send SMS.

Touch " " to delete exist phone number, enter new mobile phone number. Touch " OK" to save the phone number, it will navigate to event report selection.

Touch "◄►" to select enabled or disable the event report.
**Advanced Alarm Setting**

**Record Voice Memo**
The system allows user to record up to 10 seconds voice memo. When alarm phone call is picked up, press "5" to listen the voice memo.

**Arm Delay/Exit Delay**
The Arm delay or exit delay can allow user to exit protected area before system is Armed. The time is adjustable from 00 to 59 seconds.

**Alarm Delay/Entry Delay**
The alarm delay or entry delay can allow user to set alarm delay zones before system set alarm off. This allows user enter into specific detection area to disarm the system without triggering alarm.

**Notice:** You need go to [Zone attribute] to enable which zones are belong to this function, therefore it can work.

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**Record**

OFF

Touch "►◄" to choose "On" to record voice, and touch "OK" to start voice recording.

**Arm Delay**

Alarm Delay
Siren Setting
Tone Setting

Arm Delay
Alarm Delay
Siren Setting
Tone Setting

Touch "◄" to delete exist data, and input new seconds e.g 10. It accept time between 00 - 59. Touch "OK" to save.

**X**

Touch "◄" to delete default data, and enter new time. Touch "OK" to save.
### Advanced Alarm Setting

#### Siren Setting

It allows siren time setting for each of zones. The siren time can be set from 00-59 minutes. User can choose whether use built-in siren or not. The function is useful, if user want to choose mute alarm.

<table>
<thead>
<tr>
<th>Arm Delay</th>
<th>Zone No.</th>
<th>Siren Time</th>
<th>Built-in Siren</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm Delay</td>
<td>00</td>
<td>01 Minute</td>
<td>On &gt;</td>
</tr>
<tr>
<td>Siren Setting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tone Setting</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Touch "X" to delete the zone number, and input new zone number from 00-34. Touch "OK" to save. Touch "X" to delete the siren time, and input new siren time, "00" means disable. Default value is 01. Touch "◄►" to choose "On" to enable built-in siren, and touch "OK" to save.

#### Tone Setting

Tone setting means the alarm system will make "beep" sound, when detects system event, such as telephone line cut, Arm/Disarm, Temperature Alert.

<table>
<thead>
<tr>
<th>Arm Delay</th>
<th>PSTN OFF Tone</th>
<th>Arm/Disarm Tone</th>
<th>Arm/Disarm Beep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm Delay</td>
<td>Off &gt;</td>
<td>Off &gt;</td>
<td>Off &gt;</td>
</tr>
<tr>
<td>Siren Setting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tone Setting</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Call in Setting

The system can receive the phone call via telephone line and GSM. It allow user to set the ring times from 1 to 9. When the ring time reach to preset times, it will pick up the phone call for remotely control.

- **PSTN Call in Tone**: 9
- **GSM Call in Tone**: 3

Touch "X" to delete exist data, It accpets ring time between1-9. Touch "OK" to save.

**Program&Delete**

Use this function to program/delete wireless sensors and accessories (remote keyfob, wireless LED/LCD keypad). The wireless zone number is from 00-30. Zone 00 is for programming wireless remote keyfob or keypads.

- **Zone No.**: 00
- **Zone No.**: 00
- **Zone No.**: 00

- **Program**: 
- **Delete**: 
- **Programming**: 
- **Success**: 
- **Delete**: 
Zone Programming

Touch "X" to delete the zone number, and input new zone number from 00-30. Touch "▲▼" to choose [program], then touch "OK", the LCD will display [Programming]. Trigger the wireless sensors/accessories for two times, the LCD display [Success], touch "OK" to save, you can continue to enroll more sensors.

Touch "X" to delete the zone number, and input new zone number from 00-30. Touch "▲▼" to choose delete, the LCD will display [Success], touch "OK" to save. This will erase the current sensors in the zone from the alarm system.

Zone Attribute

The system has advanced zone attribute, it allow user to choose each of attribute for the zones, it helps user to customize the system, which can be more suitable for specific installation. Ensuring the zones with correct attribute, therefore sensors can work properly.

Call in Setting | Program&Delete | Zone No. | Activate | Zone Chime Off
---|---|---|---|---
Program & Delete Zone Attribute Upload > | 01 | 0 Defence Line > | Zone Chime Off >
00Help | Smart Sensor Off >
Alarm Delay Off >

Touch "X" to delete the zone number, and input new zone number from 00-30. Touch "OK" navigate to next menu. Touch "OK" you will navigate to last level menu.

Bypass Sensor: Touch "◄►" to choose "Disable" to deactivate/bypass this zone.
Zone type: Touch "▲▼" to choose defense line, touch "◄►" to change the value from including 0, 1, 2.
Sensor type: Touch "▲▼" to choose sensor type, touch "◄►" to change the sensor type.
Alarm Delay: Touch "▲▼" to choose alarm delay off, touch "◄►" to enable or disable the alarm delay.
Zone Chime: Touch "▲▼" to choose zone chime off, touch "◄►" to enable or disable this function.
Smart Sensor Off: Touch "▲▼" to choose smart sensor off, touch "◄►" to enable or disable this function.

Notice:
[0 Defense line] means fire, panic alarms, which are belong to 24 hours emergency zone. It will trigger the alarm system, even the system in disarm status.
[1 Defense line] means perimeter protection, which is belong to perimeter zone. It will work when alarm system in both Away Arm and Home Arm modes.
[2 Defense line] means interior protection, which is belong to motion zone. The sensors in this zone will be activated when system is in Away Arm mode, but will be de-activated, when system in Home Arm/Stay Arm mode.

Default Zone Type

<table>
<thead>
<tr>
<th>Zone Number</th>
<th>Zone Type</th>
<th>Sensor Type</th>
<th>Sensors</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>N/A</td>
<td>Wireless Remote Keyfob</td>
<td>Maximum 10 pcs</td>
</tr>
<tr>
<td>01 ~ 10</td>
<td>Emergency Zone</td>
<td>Wireless Sensors</td>
<td>Panic, Smoke, Gas Leak</td>
</tr>
<tr>
<td>11 ~ 20</td>
<td>Perimeter Zone</td>
<td>Door sensor, IR beam</td>
<td></td>
</tr>
<tr>
<td>21 ~ 30</td>
<td>Motion Zone</td>
<td>PIR motion sensor</td>
<td></td>
</tr>
<tr>
<td>31 ~ 34</td>
<td>Hardwired Zone</td>
<td>Hardwired Sensors</td>
<td></td>
</tr>
</tbody>
</table>

Default zone number for sensor and keyfob for standard alarm kit

<table>
<thead>
<tr>
<th>Wireless Remote</th>
<th>Wireless Door Sensor</th>
<th>Wireless PIR motion</th>
<th>Wireless Smoke</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>12</td>
<td>21</td>
<td>02</td>
</tr>
</tbody>
</table>
Monitored Alarm Setting

Upload

The system can either be used as self-monitoring system or monitored by security company. It's compatible with ADEMCO Contact ID protocol for alarm monitoring. If you want to link the alarm system into alarm monitoring centre, you need to do this operation. Moreover, the system can not only upload alarm information, also can upload system's status to central monitoring station.

- **Call in Setting**
- **Program&Delete**
- **Zone Attribute**
- **Upload**

**Center Phone No.** 911

**User Code** 0001

**Upload Status?** Off

Touch "❌" to delete exist number, and input new alarm monitoring centre number. Touch "OK" to save, then navigate to next level menu, touch "❌" to delete default user code, and input your user code, touch "OK" to save, then navigate to next level menu, touch "▲▼" to choose disable or enable upload status, touch "OK" to save, navigate to next status selection menu.

**AC Fail Upload**
- **Off**

**Host Low Volt**
- **Off**

**Sensor Low Volt**
- **Off**

**Manual Test**
- **Off**

**Period Test** 00000
User/Admin Code Setting

User Code
Navigate to this menu, user can modify the user code. The user code with authorization for Arm/Disarm the system via keypad, SMS, phone call, mobile applications (APP). The default user code is "1111".

Admin Code
Navigate to this menu, user can modify the admin code. The admin code with authorization for programming the system. The default admin code is "1234".

Reset
Navigate to this menu, user can reset the alarm system. The system will reset to factory status. If user have done wrong programming, can not be solved, then you can use reset function. It will erase all the user's programming data.

Password Setting
Pin Setting
Reset
Auto Arm/Disarm >

Password Setting
Reset
Touch "◄►" to choose "On", then touch "OK" to reset the alarm system.
Auto Arm/Disarm

This function can make the alarm system automatically Arm/Disarm in preset time for everyday.

Password Setting
Pin Setting
Reset
Auto Arm/Disarm >

SUN
--:--  Away Arm
--:--  Stay Arm
--:--  Disarm

MON
--:--  Away Arm
--:--  Stay Arm
--:--  Disarm

Touch "\[X\]" to delete the default time, and input new time e.g: 1200, touch "▲▼" navigate to next time setting, touch "OK" to save, it will navigate next day for auto arm/disarm setting.

Notice:
The time format should be 12:00, hours then minutes. Wrong time input can not be saved.

Temperature Control

This system is built-in temperature sensor for monitoring onsite temperature. You can set the upper limit and lower limit to make temperature alert (NC. dry contract output). The temperature range can be from 00° ~ 70°. If you enabled SMS notification, then it will send the text message alert. If choose output OFF, then the dry contract will be used as alarm output.

Temp Control
Speed Dial
Temp Upper limit 32
Output On >
Temp Lower limit 15
Output Off >
Speed Dial Phone Call

Speed Dial
There are two special buttons on the keypad, they are "A, B". User can preset phone number for this two buttons. When system is in Disarm status, the user can touch "A" or "B" for making speed dial phone call. The phone number can be the person that needs to be notified in case of an emergency, a carer, Mum or Dad.

<table>
<thead>
<tr>
<th>Temp Control</th>
<th>A Phone No.</th>
<th>B Phone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed Dial</td>
<td>1008610086</td>
<td>10011001</td>
</tr>
</tbody>
</table>

Notice:
After finish the setting, you can touch to exit setting status. The system will automatically exit setting status, when without any operation on keypad.
Alarm Handle for User

Receiving Alarm SMS
Once an alarm occurs, the system will send SMS as long as user choose for alarm SMS notification. The system will send SMS with below content:

(0001)Alarm System: 11 Zone Door Sensor Alarming

Inquiry System's Status
The system allow user to inquiry the system's status, send "User code + C" text message to alarm system, alarm will reply text message inform you whether it's Armed or Disarmed.

SMS Content: XXXXC
Receiving Alarm Phone Call

Once an alarm occurs, the system will make phone call as long as user choose for alarm call notification. The alarm systems support remotely control via phone call, including Away Arm/Stay Arm/Disarm, Onsite voice monitoring, listen voice message, talk back, two-way intercom, recording memo.

When pickup alarm phone call, you will hear the siren sound, after the replay, you can:

- Press "1" on the phone to Away Arm (It will hang up immediately, system will be Away Armed)
- Press "2" on the phone to Stay Arm (It will hang up immediately, system will be Stay Armed)
- Press "3" on the phone to Disarm (It will hang up immediately, system will be Disarmed)
- Press "4" on the phone to listen onsite voice (It will hang up, after 20 seconds delay)
- Press "5" on the phone to listen voice memo
- Press "6" on the phone to talk back (fixed phone number doesn't support this function)
- Press "7" on the phone to record voice memo (Maximum 10 seconds, except fixed phone number)
- Press "8" on the phone to begin two-way intercom (except fixed phone number)
- Press "*" on the phone for alarm confirmation, it will hang up, stop to dial phone call
How to Use Wireless Keyfob

Disarm

Stay Arm

Away Arm

SOS

Working LED

Arm/Disarm/SOS

Away Arm the system by press:

Stay Arm the system by press:

Disarm the system by press:

Trigger SOS alarm by press:

Program&Delete

Go to [Program&Delete] for programming wireless remote keyfob, program keyfobs in sequence into zone 00

Call in Setting Program&Delete Zone Attribute Upload >

Zone No. 00

Program Delete

Touch "◄►" to choose "Program", then touch "OK" to confirm, the LCD will display [Programming]

Now press the "يته" button for two times, the LCD will display [Success], then touch "OK" to save.

Zone No. 00

Delete

Touch "◄►" to choose "Delete", then touch "OK" to confirm, the LCD will display [Success], then touch "OK" to save.
How to Use Wireless Door Sensor

Introduction
Wireless door sensors or entry point sensors are the most reliable intrusion detection device for perimeter protection. The door sensor is adopting reed switch theory, it consists of wireless transmitter and magnetic two parts. When two parts separate maximum 1cm, the sensor will send alarm signal to alarm system.

LED Indicator
RF transmitter
Panic button Magnetic
Tamper Switch
Battery

Program&Delete
Go to [Program&Delete] for programming wireless remote keyfob, program keyfob in sequence into zone 11~20

Touch "◄►" to choose "Program" , then touch "OK" to confirm, the LCD will display [Programming]
Now separate door sensor for two times, the LCD will display [Success], then touch "OK" to save.

Notice:
The door sensor in the package may differ from manual.

<table>
<thead>
<tr>
<th>Zone No.</th>
<th>Program Delete</th>
<th>Zone No.</th>
<th>Success Delete</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td></td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

Touch "◄►" to choose "Delete" , then touch "OK" to confirm, the LCD will display [Success], then touch "OK" to save.
How to Use Wireless Door Sensor

Installation
• Remove the insulating protect on battery.
• Mount the transmitter on the door frame and the magnet on the door.
• Make sure that the magnet is always on the right side of the transmitter.
• Make sure that the magnet will not be more than 1 cm from the transmitter.
• Attach the transmitter and the magnet with double-sided tape or the screw.
• Avoid placing the detector in areas with large-metallic structures or electrical installations such as boiler area or counters.

Technical Information
• Working voltage: 1.5V LR6
• Static current: ≤30 μA
• Alarm current: ≤40mA
• Emitting frequency: 433MHz /(868MHz optional)
• Transmission distance: ≤100 m (Open space)
• Lifespan of battery: ≤ 12 months

Notice:
The door sensor in the package may differ from manual. The specification will change, when use different model of wireless door sensors.
How to Use Wireless PIR Sensor

Introduction
PIR motion sensor is one of common intrusion sensor for instruction detection. It with advantages of large space protection, lowest energy consumption. It detects infrared energy changes which is caused by movement of human.

1. Wide angle fresnel lens
2. Alarm LED Indicator
3. Swivel Bracket

Program&Delete
Go to [Program&Delete] for programming wireless remote keyfob, program keyfob in sequence into zone 21~30

Touch "◄►" to choose "Program", then touch "OK" to confirm, the LCD will display [Programming]
Now triggering PIR sensor for two times, the LCD will display [Success], then touch "OK" to save.

<table>
<thead>
<tr>
<th>Zone No.</th>
<th>Program</th>
<th>Zone No.</th>
<th>Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Delete</td>
<td>21</td>
<td>Delete</td>
</tr>
</tbody>
</table>

Touch "◄►" to choose "Delete", then touch "OK" to confirm, the LCD will display [Success], then touch "OK" to save.
How to Use Wireless PIR Sensor

Installation
Due to the wide coverage angle and the swivel bracket, the motion sensor can easily be installed:
• Indoor environment only!
• Wall mounted on the wall and sensor points to entry point of doors
• Wall mounted on corridor to detect movement

Technical Information
• Working voltage: 2x1.5V LR6
• Static current: ≤50 μA
• Alarm current: ≤9.5mA
• Detection angle: ≤ 110°
• Detection distance: ≤ 12 m
• Emitting frequency: 433MHz /(868MHz optional)
• Transmission distance: ≤100 m (Open space)
• Lifespan of battery: ≤ 12 months

Notice:
The PIR sensor in the package may differ from manual. The specification will change, when use different model of wireless PIR sensor.
## Zone Name & CID Code

<table>
<thead>
<tr>
<th>Item</th>
<th>Zone Name</th>
<th>CID Code</th>
<th>CID Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Help/Medical Alarm</td>
<td>E100</td>
<td>Medical</td>
</tr>
<tr>
<td>01</td>
<td>Emergency</td>
<td>E121</td>
<td>Duress</td>
</tr>
<tr>
<td>02</td>
<td>Emergency</td>
<td>E120</td>
<td>Panic</td>
</tr>
<tr>
<td>03</td>
<td>Fire Alarm</td>
<td>E110</td>
<td>Fire</td>
</tr>
<tr>
<td>04</td>
<td>Smoke Alarm</td>
<td>E111</td>
<td>Smoke</td>
</tr>
<tr>
<td>05</td>
<td>Kitchen</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>06</td>
<td>Gas Leak Alarm</td>
<td>E112</td>
<td>Combustion</td>
</tr>
<tr>
<td>07</td>
<td>Tamper Alarm</td>
<td>E137</td>
<td>Tamper</td>
</tr>
<tr>
<td>08</td>
<td>Heat Alarm</td>
<td>E158</td>
<td>High temp</td>
</tr>
<tr>
<td>09</td>
<td>Perimeter Zone</td>
<td>E131</td>
<td>Perimeter</td>
</tr>
<tr>
<td>10</td>
<td>Door</td>
<td>E134</td>
<td>Entry/Exit</td>
</tr>
<tr>
<td>11</td>
<td>Front Door</td>
<td>E134</td>
<td>Entry/Exit</td>
</tr>
<tr>
<td>12</td>
<td>Back Door</td>
<td>E134</td>
<td>Entry/Exit</td>
</tr>
<tr>
<td>13</td>
<td>Side Door</td>
<td>E134</td>
<td>Entry/Exit</td>
</tr>
<tr>
<td>14</td>
<td>Window</td>
<td>E131</td>
<td>Perimeter</td>
</tr>
<tr>
<td>15</td>
<td>Glass Break</td>
<td>E131</td>
<td>Perimeter</td>
</tr>
<tr>
<td>16</td>
<td>Vibration</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>17</td>
<td>Motion Zone</td>
<td>E132</td>
<td>Interior</td>
</tr>
<tr>
<td>18</td>
<td>Garage</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>19</td>
<td>Motion</td>
<td>E132</td>
<td>Interior</td>
</tr>
</tbody>
</table>
### Appendix

<table>
<thead>
<tr>
<th>Item</th>
<th>Zone Name</th>
<th>CID Code</th>
<th>CID Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Lobby/Family room</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>21</td>
<td>Bedroom</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>22</td>
<td>Book room</td>
<td>E130</td>
<td>Burglary</td>
</tr>
<tr>
<td>23</td>
<td>Other</td>
<td>E140</td>
<td>General Alarm</td>
</tr>
<tr>
<td>24</td>
<td>(Door Bell)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Hardwired Zone Connection

- **EOL Resistor**
- **Sensor with DC input**
- **Wired Zone on Alarm**
- **EOL Resistor**
- **Sensor without DC input**
- **Wired Zone on Alarm**

**Notice:**

Hardwired zone number from 31~34. All hardwired zones are disabled/de-activated. If you want to use the hardwired zones, you need to go to [Zone attribute] to enable them.

EOL resistor must be connected to hardwired sensor for zone protection, it can make hardwired sensors work properly.

"A1" means wired zone, "V1" means DC power (either from alarm panel or separate power supply)
Maintenance and Care

This alarm system is a Hi-Tech product with outstanding design and sophisticated technology, and shall be carefully.

• To make the alarm to operate for a long term stably and to prolong the service life, it's recommended that:
  • Try to put the alarm panel in a dry and well-ventilated location
  • Do not put the alarm panel and any wireless sensors in too cold, too hot or dusty places to prevent it from curtailing the service lives of electric parts and preventing the plastic shell from distorting.
  • Do not put the alarm panel and any wireless sensors in low and too exposed places to prevent children from touching them or the thieves from finding them
  • Regular testing is necessary for finding and resolving problems in time.
  • Regularly check the batteries in all wireless sensors. To ensure normal operations of the system, replace with new batteries whenever you feel a sensor is not detecting properly.