AX series wireless security control panel, containing 32 wireless zones, supports Wi-Fi, LAN, GPRS, and 3G/4G communication methods, as well as ISAPI, ISUP 5.0, and DC09 protocol. It is applicable to the scenarios of market, store, house, factory, warehouse, office, etc.
Key Feature

- Supports dual path communication of alarm events and other signals over LAN, Wi-Fi, GPRS and 3G/4G utilising a main and backup channel
- Supports up to 32 wireless inputs, 32 outputs, 8 keyfobs, 4 sirens, 4 wireless keypads, and 4 wireless tag readers
- IVaas (Intruder Verification as a Service) :Support up to 2 channel 7 seconds pre/post alarm recording for Video Verificaiton (Hikvision IP camera/3rd party IP camera)
- Uploads alarm events to dual alarm receiving center
- Supports viewing event video via mobile client and email
- Supports doorbell function: The detector rings like a doorbell when it is triggered in disarming status
- Voice prompt for configuration and operation
- Configuration via web client, mobile client, or client software
- Operation via client software, mobile client, and SMS
- Pushes alarm notification via messages, phone calls, and email
- SIA-Contact ID protocol compatible
- Long distance two-way communication
- AES-128-bit data encryption
- Supports LED indicator to indicates system status
- 4520 mAh lithium backup battery, supports up to 12h power supply
- Conforms to EN 50131 Grade2
Typical Application

[Diagram showing a network setup with SMS/APP connected to various devices through WiFi, GPRS, 3/4G, and TCP/IP.]
## Specification

<table>
<thead>
<tr>
<th>DS-PW32-H(R)(S)(G)</th>
<th>Alarm Input</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm Output</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>Siren</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Keyfob</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Keypad</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Tag Reader</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Area</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Wireless Device Connection
- **Alarm Input**: 32
- **Alarm Output**: 32
- **Siren**: 4
- **Keyfob**: 8
- **Keypad**: 4
- **Tag Reader**: 4
- **Area**: 4

### Interaction
- **Audio Output**: 1, 1.5W

### Alarm Center
- **Alarm Receiving Center**: 2

### RF
- **RF Frequency**: 433/868MHz
- **RF Modulation**: 2GFSK
- **RF Distance**: Up to 800m (Open Area)

### Wired Network
- **Ethernet**: 10M/100M Self-adaptive

### Cellular Network
- **GPRS, 3/4G**: Supports reporting push-notification to ARC & Cloud, text notification via SMS, and audio notification via phone call

### Wi-Fi
- **Standard**: 802.11b/g/n
- **Encryption**: Supported
- **Channel**: 2.4 G
- **Application**: iVMS-4200, and mobile APP
- **Protocol**: SIA - Contact ID, ISUP 5.0

### Application & Protocol
- **IC Card**: 12
- **User**: 13 (1 installer, 1 administrator, 1 maintenance, and 10 general users)

### User
- **Power**: 5 VDC, 2A
- **Operation Temperature**: –10 °C to 55 °C
- **Operation Humidity**: 10% to 90%
- **Shell Material**: PC+ABS
- **Dimension (WxHxD)**: 155 × 155 × 35mm
Available Model

- DS-PWA32-H (White)
- DS-PWA32-HS (White): supports 3G/4G
- DS-PWA32-HSR (White): supports 3G/4G and IC Card
- DS-PWA32-HG (White): supports GPRS
- DS-PWA32-HGR (White): supports GPRS and IC Card