# DS-PWA64/96
# AX PRO

AX PRO supports Wi-Fi, TCP/IP, and GPRS/3G/4G communication methods. It also supports Hik-ProConnect, Hik-Connect, Hik IP Receiver, Hik IP Receiver Pro and Hik-Central, which is applicable to the scenarios of market, store, house, factory, warehouse, office, etc.

## Key Feature

- TCP/IP, Wi-Fi, and GPRS/3G/4G network
- New generation wireless protocol: Tri-X/Cam-X
- Long RF transmission distance
- Two-way communication with AES-128 encryption
- Connects up to 96 wireless zones/outputs (including 48 PIRCAMs), 16 wired zones, 2 wired outputs, 48 wireless keyfobs, 4 repeaters, 6 sounders, 8 tag readers & keypads.

*The capability varies according to the model of device.*

- Supports up to 48 network users, including 1 installer, 1 administrator, and 46 normal users
- Voice prompt
- Configuration via Web client, mobile client, and Convergence Cloud
- Hik-Connect and Hik-ProConnect configuration depends on the user access level
- Pushes alarm notification via messages or phone calls
- Views live videos from Hik-Connect
- Alarm video clips via emails and APP
- Uploads alarm reports to ARC
- Supports LED indicator to indicates system status
- 4520 mAh lithium backup battery or 12v 7Ah storage battery depends on model of device
- SIA-DC09 protocol, and supports both Contact ID and SIA data format
- Supports Hik-IP Receiver and Hik-IP Receiver Pro for ARC communication

## Available Model

- DS-PWA64-L-WE
- DS-PWA96-M-WE
- DS-PWA96-M2-WE
- DS-PWA96-M2H-WE

## Specification

| | | AX PRO L | AX PRO M | AX PRO M2 | AX PRO M2H |
|---|---|---|---|---|---|
| Basic | Frequency | 868Mhz | | | |
| | Wireless type | 2-way wireless | | | |
| | Wireless Security | Frequency Hoping 128 AES Encryption | | | |
| | Wireless Zones | Up to 64 (Up to 48 PIRCAMs) | Up to 96 (Up to 48 PIRCAMs) | | Up to 96 (Including PIRCAM & Wired Zones/Outputs) |
| | Wireless Outputs | | | | |
| | Wired Zones | N/A | | | 16 |
| | Wired Outputs | N/A | | | 2 |
| | Power Outputs | N/A | | | 2 (12v, total 1A) |
| | Wireless Tag Readers & Keypads | Up to 8 | | | |
| | Wireless Sounders | 4 (2 Internal+2 External) | 6 (3 Internal+3 External) | | |
| | Wireless Keyfobs | 32 | 48 | | |
| | Wireless Repeaters | 2 | 4 | | |
| | Wireless MT | 4 | 6 | | 5 |
| | Tags | 32 | 48 | | |
| | PIRCAM | 48 | | | |
| | Onboard IP CAMERA Integration | 2*7s clips have their own storage, not overrides each other | 4*7s clips have their own storage, not overrides each other | | |
| User | Installer | 1 | | | |
| | Admin | 1 | | | |
| | Users | 30 | 46 | | |
| Key Software Features | Areas | 16 | 32 | | |
| | Voice prompt | Supported | | | |
| | Loudspeaker built in | Supported | | | |
| | Tag reader built in | N/A | Supported | N/A | |
| | LEDs Status | Arm/Disarm, Alarm, Tamper, Fault, Cloud, Power | | | |
| | Memory Log stored | 5000 | | | |
| | RS-232 output | Supported | | | |
| | Programming tools | Hik-Connect/Hik-ProConnect/Web Portal/ IVMS4200/ Convergence Cloud | | | |
| | Firmware upgrade | APP Manual or Web | | | |
| | Arm Modes | Away/Stay | | | |
| | Automatic Arm/Disarm Timers | Supported | | | |

| | | | | | |
|---|---|---|---|---|---|
| | Forced Arming with Open Zones | Supported | | | |
| | Diagnostics of via the APP or Web | Supported | | | |
| Communication | LAN port | Supported | | | |
| | Wi-Fi on board | Supported(2.4G) | | | |
| | GPRS on board | Supported | N/A | | |
| | 3/4G on board | N/A | Supported | | |
| | SIM slot | Single (Micro SIM) | Dual (Micro SIM) | | |
| | SMS notification | Supported | | | |
| | Alarm voice call | Supported | | | |
| | ARC protocol | SIA DC09(SIA level 2, Contact ID), ISUP, ISAPI (SDK)<br>Hik-IP Receiver & Hik-IP Receiver Pro (Sur-Gard & Ademco 685)<br>Supports video verification and remote control | | | |
| | User APP for operating | Supported | | | |
| | Installer APP for programming | Supported | | | |
| | Web server for maintenance (offline configuration) | Supported | | | |
| Hardware | Battery Stand by | Up to 16 hours | | Up to 36 hours | |
| | Power Supply | Built in power supply | | | |
| | Battery pack | Built in on board Battery Li | | 12v 7Ah Storage battery (Battery is not included by default) | |
| | Housing | Plastic | | | |
| Automation | Schedules | Wall switch & Relay & Plug (Has time schedule) | | | |
| Approvals | EN | EN50131 Grade 2 | | | |
| | CE | Supported | | | |
| | Rohs/Reach/WEEE | Supported | | | |
| Others | Operation temperature | -10 °C to +55 °C | | | |
| | Dimension(W x H x D) | 170.0 mm (6.7") x 170.0 (6.7") mm x 38.6 mm (1.5") | | 261*199*86.4mm | |
| | Weight | 557.5 g(19.7 oz) | | 975g<br>(No battery) | 1083g<br>(No battery) |

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