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-WB
- DS-PWA96-M-WB
- DS-PWA96-M2-WB
- DS-PWA96-M2H-WB

Specification

		AX PRO L	AX PRO M	AX PRO M2	AX PRO M2H
Basic	Frequency	433Mhz			
	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) Hik-IP Receiver & Hik-IP Receiver Pro (Sur-Gard & Ademco 685) 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 (No battery)	1083g (No battery)