DS-PWA96-M-WE
AX PRO (868MHz)

- TCP/IP, Wi-Fi, and 3/4G 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), 48 wireless keyfobs, 4 repeaters, 6 sounders(3 internal+3 external), 8 tag readers and keypads
- 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
- Supports LED indicator to indicates system status
- 4520 mAh lithium backup battery
- SIA-DC09 protocol, and supports both Contact ID and SIA data format
- Supports Hik-IP Receiver and Hik-IP Receiver Pro for ARC communication

▪ Specification

Software features	
Diagnostics via the APP or Web	Supported
Installer	1
Installer APP for programming	Supported
Onboard video clips	4
Web server for maintenance (offline configuration)	Supported
Wi-Fi standard	Supported
Arm modes	Away/Stay
Firmware upgrade	APP/Web Portal
Admin	1
Wired network	Supported
Programming tools	Hik-Connect/Hik-ProConnect/Web Portal/ IVMS4200/ Convergence Cloud
Forced arming with open zones	Supported
Memory log stored	5000
User	46
User APP for operating	Supported
Voice prompt	Supported
Area	32
Automatic arm/disarm timers	Supported
Hardware features	
RS232 output	Supported
SIM slot	Dual
3/4G on board	Supported
Tag reader built in	Supported
Loudspeaker built in	Supported
Electrical characteristics	
Battery type	Built in on board Battery Li
Power supply	Built in power supply
Operation temperature	-10 °C to +55 °C (The battery can not be charged at temperature lower than 10°C, please make sure the adapter is connected)
Battery life span	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)
Wireless transmission	
RF frequency	868 Mhz
RF method	Support
Wireless security	Frequency Hoping 128 AES Encryption
Display	
LEDs status	Arm/Disarm, Alarm, Tamper, Fault, Cloud, Power
General	
Dimension(WxHxD)	170.0 mm (6.7") × 170.0 (6.7") mm × 38.6 mm (1.5")
Shell material	Plastic
Color	White

Weight	557.5 g (19.7 oz)
Device management	
Tag	48
PIR cam	Supported
Zones	96 (up to 48 PIRCAMs)
Keypad	8 (including tag reader)
Wireless sounder	6 (3 internal+3 external)
Wireless repeater	4
Keyfob	48
Multi Transmitter	6
Report method	
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

▪ Available Model

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