

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), 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
- 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-PWA96-M-WB
- DS-PWA64-L-WB



Specification

		AX PRO L	AX PRO M
Basic	Frequency	433Mhz	
	Wireless type	2-way wireless	
	Wireless Security	Frequency Hoping 128 AES Encryption	
	Wireless Zones	Up to 64	Up to 96
	Wireless Outputs	(Up to 48 PIRCAMs)	(Up to 48 PIRCAMs)
	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
	Tags	32	48
	PIRCAM	Supported	
	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
	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	Dual
	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	12 hours	
	Power Supply	Built in power supply	
	Battery pack	Built in on board Battery Li	
	Housing	Plastic	
Automation	Schedules	Wall switch & Relay & Plug (Has time schedule)	
Approvals	CE/CB	Supported	
	Rohs/Reach/WEEE	Supported	
	FCC	Supported	
	RCM	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")	
	Weight	557.5 g(19.7 oz)	

DS-PT-M1
Tag



Specification

Tag	
Working frequency	13.56MHz
Data rate	106 Kbps
Capacity	1024×8bit EEPROM
Storage structure	16 separate sections
Operation temperature	-10 °C to 50 °C
Induction distance	5 to 10 cm
Dimension (W × H × D)	41*32*3.5mm
Material	PVC, ABS
Scratch endurance	100, 000
Data retention time	10 years

DS-PDP15P-EG2-WB

Wireless PIR Detector

DS-PDP15P-EG2-WB is a fully supervised two-way wireless detector featuring motion detection, tamper protection, low battery and supervision. It can operate for up to 5 years from an in-built battery, and monitors the area within 15 m radius, ignores animals while recognizing human from the first step.






- Detection Range: 15m / 85.9°
- Up to 30KG pet immunity
- SEC (Smart Environmental Control) - Advanced digital signal processing and 3D optics
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission



▪ Specification

	Model	DS-PDP15P-EG2-WB
Detection Performance	Detection Method	Passive Infrared
	Detection Range	15 m
	Detection Angle	85.9°
	Detection Zones	52
	Detectable Speed	0.3 to 2m/s
	Sensitivity	Auto, High, Pet
	Pet Immunity	30 Kg
	White Light Filter	6500 lux
	Digital Temperature Compensation	Support
	Creep Zone Protection	Support
Feature	Digital Processing	Support
	Sealed Optics	Support
	Tamper Protection	Front, Rear
	Environment Temperature Indicator	Support
	Signal Strength Indicator	Support
Interface	Power Switch	Power Up Enrolling
	LED Indicator	Blue (Alarm)
Transmission	Transmission Technology	Tri-X Wireless
	Transmission Method	Two-Way RF Wireless
	Transmission Frequency	433 MHz
	Transmission Security	AES-128 Encryption
	Transmission Range(Free Space)	1.2 Km
	Frequency Hopping	Support
	Enrolling Method	Power up,Remote ID,QR Code
Electrical Characteristics	Power Supply	Battery Powered
	Battery Type	CR123A × 1
	Typical Voltage	3 V
	Standard Battery Life	5 Years
General	Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Operation Humidity	10% to 90%
	Dimension(WxHxD)	65.5 mm × 103 mm × 48.5 mm
	Weight	128 g
	Mounting Height	1.8 m to 2.4 m
	Mounting Method	Wall
	Application Scenario	Indoor
Bracket	Optional Wall & Ceiling Accessory	

- Accessory
- Optional

DS-PDB-IN-Wallbracket Internal ceiling mounted bracket	DS-PDB-IN-Ceilingbracket Internal wall mounted bracket	DS-PDP-IN-CR123A Indoor Detector Battery
		

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▪ Available Model

DS-PDP15P-EG2-WB

Distributed by



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DS-PDMC-EG2-WB

Wireless Magnet Detector

DS-PDMC-EG2-WB is a wireless opening detector that notifies of first signs of room intrusion by means of a broken door or window. It can be mounted on all types of doors including metal base and the onboard inputs will allow user to extend applications by wiring to different wired sensors.



- Slim design for an unobtrusive (unnoticeable) installation
- Fully remote configurable through App
- Multiple enrollment methods and easy installation design
- Frequency hopping against jamming for reliable transmission



▪ Specification

	Model	DS-PDMC-EG2-WB
Detection Performance	Detection Method	Opening Contact
	Detection Gap	43 mm Max
Feature	Digital Processing	Support
	Tamper Protection	Front,Rear
	Environment Temperature Indicator	Support
	Signal Strength Indicator	Support
Interface	Alarm Input	Normally Closed,Normally Open,Impulse Count
	Power Switch	Power Up Enrolling
	LED Indicator	Blue (Alarm)
Transmission	Transmission Technology	Tri-X Wireless
	Transmission Method	Two-Way RF Wireless
	Transmission Frequency	433 MHz
	Transmission Security	AES-128 Encryption
	Transmission Range(Free Space)	1.2 Km
	Frequency Hopping	Support
Electrical Characteristics	Enrolling Method	Power up,Remote ID,QR Code
	Power Supply	Battery Powered
	Battery Type	CR123A x 1
	Typical Voltage	3 V
General	Standard Battery Life	5 Years
	Operation Temperature	10 °C to 55 °C (14 °F to 131 °F)
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Operation Humidity	10% to 90%
	Dimension(WxHxD)	Sensor: 22.5 mm × 103 mm × 23.2 mm Magnetic Stick: 13 mm × 34.4 mm × 11.4 mm
	Weight	59 g
	Application Scenario	Indoor

▪ Accessory

▪ Optional



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▪ Available Model

DS-PDMC-EG2-WB

DS-PKF1-WB Wireless Keyfob

DS-PKF1-WB series keyfob supports instant operation of stay/away arming and disarming. It is a part of security control system.



Features

- Operation: stay/away arming and disarming
- Keyfob lock and unlock function
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission

Available Models

DS-PKF1-WB (433MHz)



Specifications

Model		DS-PKF1-WB
RF	Frequency	433 MHz
	Modulation	2GFSK
	Distance	500m (open area)
Interface & component	Indicator	Three-color LED
	Key	4
Electrical & battery	Power Consumption	Quiescent current: 1.13 uA Max current: 34.3mA Voltage: 3 VDC
	Min. operation voltage	2.1V +/- 5%
	Battery type	CR2032 x 1 (included), 3V
	Battery life span	Standby time more than 3 years
Others	Operation humidity	10% to 90% (No condensing)
	Operation temperature	-10 °C to +55 °C (-4 °F to +122 °F)
	Color	White
	Material	Panel (plastic)+ gasket(rubber)
	Dimension (W x H x D)	35.2 (1.39")mm x 63.2 (2.49") mm x 11.3 (0.45")mm
	Weight	16 g (5.64 oz)
Approvals	FCC	Supported
	CE/CB	Supported
	RCM	Supported
	Rohs/Reach/WEEE	Supported