

## DS-PHA48-EP AX Hybrid Pro Control Panel



AX Hybrid Pro control panel is a wired intrusion control panel with wireless detectors & peripherals access capability. It is the first control panel that supports Speed-X bus, which is a creative technology and is used to transmit verification video/picture from PIR-CAM. Besides, this hybrid control panel supports 1 customized voice library and is designed for users to upload customized voice files, which will be played via alarm phone call when alarm triggered. As for basic functions, it supports 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, hotel, supermarket, warehouse, office, house (especially with cables pre-installed), etc.

- Hybrid system: 8 on-board zones and 40 wired/wireless zones expandable; 4 on-board outputs (2 relay outputs and 2 I/O outputs), and 44 wired/wireless outputs expandable
- Dual path communication of alarm events and other signals over LAN, PSTN, GPRS or 3G/4G utilizing a main and backup channel with configurable priority
- 2-ch onboard IP camera video verification, supports video recording (5s pre-alarm + 2s post-alarm, or 2s pre-alarm + 5s post-alarm) for verification to the alarm receiving email or mobile client
- Supports arming/disarming via keypad, keyfob, mobile client, iVMS-4200, SMS and tag
- Pushes alarm notification via messages and Hik-Connect
- Supports ISAPI, Cloud P2P, ISUP, CSV-IP and DC-09 protocol
- Supports 1 Speed-X BUS

## ▪ Specification

Software features	
Zones	48(8 on-board zones, max 4 wired PIRCAM)
Area	16
User	Installer: 1 Administrator: 1 Operator: 46
SMS notification	Supports (with GPRS/3G/4G module)
Onboard video clips	2
ARC protocol	ISAPI: Supports iVMS-4200 client software and web client Cloud P2P: Supports cloud P2P privacy protocol DC-09: ARC accessible (ADM-CID/SIA-DCS) CSV-IP: Supports CSV-IP ISUP: Supports ISUP 5.0
Programming tools	Web/iVMS-4200/Hik-ProConnect/Hik-ProConnect
Firmware upgrade	Web/iVMS-4200/Hik-ProConnect
End of Line Resistance	Support 1K, 2.2K, 4.7K, 5.6K, 6.8K, 8.2K
Hardware features	
Alarm input	48(8 on-board zones)
Alarm output	48(Including 2 on-board relay outputs and 2 I/O outputs)
Power Output	1. Bell: maximum 12V 1.2A 2. AUX: maximum 12V 1.5A 3. Bell and AUX maximum 12V 2.1A
3/4G on board	Optional
GPRS on board	Optional
Bus	1 Speed-X bus
Sounder output	1 wired on-board sounder output
Tamper-Proof	1 switch to detect removal from mounting 1 switch to detect front cover open
Netowrk interface	1 RJ45 10M/100M Ethernet interface
Electrical characteristics	
Power interface	100 to 240 VAC (On-board power transformer)
Power Consumption	1. 220V power supply ① With an alarm: 1.875A, 30W ② Without an alarm: 200mA, 3.2W 2. 13.5V battery supply ① With an alarm: 1.5A, 22W ② Without an alarm: 150mA, 2W
Battery type	Lead acid battery (12 V, 7 Ah, battery is not included by default)
Battery life span	Up to 36hrs

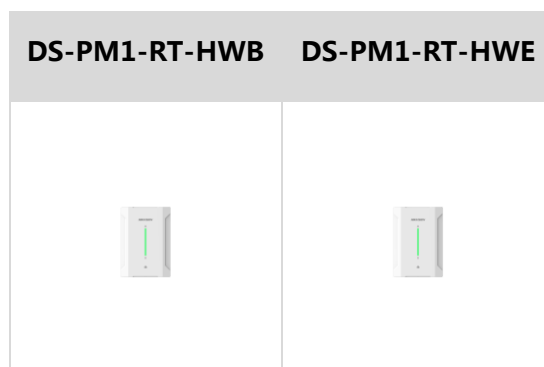
Display	
Indicator	4 on-board LEDs 1. 1 AC power LED indicator (Green) 2. 1 system status LED indicator (Green/Red) 3. 1 PSTN status LED indicator (Green/Red) 4. 1 mobile communication status LED indicator (Green/Red)
General	
Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Shell material	Plastic
Color	White
Dimension(WxHxD)	261 mm × 199 mm × 86.4 mm
Weight	996.5 g
Device management	
Tag	48
Keyfob	48
Keypad	4
Wireless sounder	8

▪ **Available Model**

DS-PHA48-EP

▪ **Accessory**

▪ **Included**



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