

## DS-PHA64-LP 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 high-speed RS-485, which is a creative technology and is used to transmit verification video/picture from PIR-CAM. Besides, this hybrid control panel supports customized voice library, which is designed for users to upload customized voice files. These voice files will be played via alarm phone call when alarm triggered. As for basic functions, it 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, hotel, supermarket, warehouse, office, house (especially with cables pre-installed), etc.

- Hybrid System: 8 on-board zones and 56 wired/wireless zones expandable: 4 on-board outputs(2 relay outputs & 2 I/O outputs) and 60 wired/wireless outputs expandable
- Dual-path communication of alarm events and other signals over LAN, PSTN, Wi-Fi, GPRS or 3G/4G utilizing a main and backup channel with configurable priority
- 4-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 high-speed RS-485 bus



## ▪ Specification

Software features	
Zones	64 (8 on-board zones, max 8 wired PIRCAM)
Area	32
User	Installer: 1 Administrator: 1 Operator: 62
SMS notification	Support (with GPRS/3G/4G module)
Onboard video clips	4
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/Keypad
Firmware upgrade	Web/iVMS-4200/Hik-ProConnect/Hik-ProConnect
Hardware features	
Alarm input	64 (Including 8 on-board zones)
Alarm output	64 (Including 2 on-board relay outputs and 2 on-board I/O outputs)
Power output	12 V, 1 A
3/4G on board	Optional
GPRS on board	Optional
Wi-Fi	802.11b/g/n (2.4 GHz)
Bus	1 high-speed RS-485
Sounder output	1 wired on-board sounder output
Tamper-Proof	1 switch to detect removal from mounting 1 switch to detect front cover open
Network interface	1 R J45 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: 2 A, 32W ② Without an alarm: 250 mA, 4W. (2) 13.5V battery supply ① With an alarm: 1.7 A, 25W ② Without an alarm: 200 mA, 2.7W
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(W×H×D)	261 mm × 199 mm × 86.4 mm
Weight	997 g

**Device management**

Tag	64
Keyfob	64
Keypad	8
Wireless sounder	16

**▪ Available Model**

DS-PHA64-LP

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