DS-PHA20-W2P
Hybrid Control Panel

- Hybrid System: 4 on-board zones , and 16 wired/wireless zones expadable
- 2 on-board outputs, and 18 wired/wireless outputs expadable
- Dual path communication of alarm events and other signals over LAN, PSTN, Wi-Fi, GPRS and 3G/4G utilizing a main and backup channel with configurable priority
- 2-ch onboard 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 8 keyfobs, 9 keypads, 1 wired sounder and 2 wireless sounders
- Supports arming/disarming via keypad, keyfob, mobile client, iVMS-4200, SMS, and tag
- Pushes alarm notification via messages and Hik-Connect
- Alarm video clips via emails and APP
- Supports ISAPI, Ehome 5.0, and DC09 protocol
- Uploads alarm events to alarm receiving center or platform
- Plastic shell, supports lithium battery
- 1 manufacturer, 1 installer, 1 administrator, and 13 Operators

▪ **Specification**

Software features	
Onboard video clips	2
Onboard real time video	20
Wi-Fi standard	802.11b/g/n
Phone call notification	N/A
Phone numbers	8 (with GPRS/3G/4G module)
SMS notification	support (with GPRS/3G/4G module)
Schedule	Auto Arm/Disarm Schedule
Wired network	10M/100M Ethernet
Wi-Fi encryption	64/128-bit WEP,WPA/ WPA2,WPA-PSK/WPA2-PSK,WPS
Configuration tools	Web / iVMS-4200/Hik-Connect
Firmware undate tools	Web / iVMS-4200/Hik-Connect
Cellular network	Supports report push- notification to ARC & Cloud (with 3G/4G/GPRS module)
Exception detection	Communication failure alarn, detection alarm
Application	iVMS-4200 (client software) Hik-Connect (mobile client)
User	Installer: 1 Administrator: 1 Manufactuer:1 Operator: 13
Area	4
Hardware features	
Serial port	RS232
Battery port	/
PSTN	1, PSTN expander interface
Tamper-Proof	Tampering alarm
Netowrk interface	1, RJ45 10M/100M Ethernet Interface
Bus	RS485
Electrical characteristics	
Battery type	Lithium battery
Power supply	12VDC / Lithium battery
Operation humidity	10% to 90%
Operation temperature	-10°C to 55°C (-4°F to +122°F)(The battery can not be charged at temperature lower than 10°C, please make sure the adapter is connected)
Battery life span	6h(The battery working time can be significantly reduced at low temperatures)
Wireless transmission	
RF frequency	433MHz / 868MHz (with DS-PM-RSWR-433 / DS-PM-RSWR-868)
RF distance	/
Display	
Indicator	4 for status 1 for alarm
General	
Dimension(WxHxD)	220 mm (8.6") × 152 mm (6.0") × 31.5 mm(1.2")

Application scenario	Indoor
Shell material	Plastic case
Color	White
Device management	
Tag	12 (with DS-PK-LRT keypad)
Alarm output	2 on-board outputs, and 18 wired/wireless outputs expadable
Alarm input	4 on-board zones , and 16 wired/wireless zones expadable
Zones	20
Keypad	9
Sounder output	1 wired sounder (on-board connection) 2 wireless sounders
Wireless sounder	2
Keyfob	8
Report method	
Protocol	ISAPI: Supports client software and web client Cloud P2P: Supports cloud P2P privacy protocol DC09: ARC accessible (CID/SIA)

▪ **Available Model**

DS-PHA20-W2P

DS-PHA20-W2P(B)

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