AirShield

WIRELESS ALARM

Invisible Connection, Tangible Protection

Dahua AirShield is a wireless alarm system, with advanced RF communication, audio/video processing and cloud service technologies, featuring easy connection, easy installation, easy configuration, easy usage and easy maintenance. It is compatible with EN50131 Grade2 certificate, and can be used in residential, commercial and other scenarios with peace of mind.

AirShield Wireless Alarm

The Dahua AirShield Wireless Security System consists of alarm hubs, various wireless peripherals, and tailored applications for different user types: DoLynk Care for installers, DMSS for end users, and Converter for Alarm Receiving Centres (ARCs).

HUB2 ARC3800H-FW2

- IPC Integration
- AP Mode Network Configuration
- Two-way Voice Intercom
- Voice Prompt & Voice Call Alarm
- Cloud Update

150 channels wireless peripherals |
Up to 64 PIR-Cams & 8 IPCs in the same LAN |
10 Offline Alarm Videos Cache |
Networking Methods: Ethernet, Cellular, Wi-Fi

HUB1 ARC3000-FW2

- IPC Integration
- AP Mode Network Configuration
- Cloud Update

150 channels wireless peripherals |
Up to 8 PIR-Cams & 4 IPCs in the same LAN |
50 Offline Alarm Events Cache |
Networking Methods: Ethernet, Cellular, Wi-Fi

Dual-Tech ARD2231-W2

- Detection Mode: PIR+Microwave
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Detection Range: 12m/90° |
Pet Immunity ≤ 18kg, ≤ 50cm |
Indoor Scenario

PIR-Cam ARD1731-W2

- Sub-G & 2.4G Image Transmission
- Detection Mode: PIR
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Detection Range: 12m/86° |
Pet Immunity ≤ 18kg |
Indoor Scenario

Outdoor Triple-Tech ARD2251E-W2

- Detection Mode: 2 PIR + Microwave
- Anti-masking Detection
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Detection Range: 15m/90° |
Pet Immunity ≤ 40kg, ≤ 80cm |
Outdoor Scenario: IP66 Protection Level

Outdoor Triple-Tech ARD2251E-W2(V)

- Sub-G Image Transmission
- Detection Mode: 2 PIR + Microwave
- Anti-masking Detection
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Detection Range: 15m/90° |
Pet Immunity ≤ 40kg, ≤ 80cm |
5 level adjustable detection range |
Outdoor Scenario: IP66 Protection Level

LCD Keypad ARK30C-RW2

• Arming/Disarming via IC card, DESFire Card
• Support duress alarm
• Support Status Query
• Remote Update on Mobile App
• Dual-system Redundancy Backup

DESFire Card

2 × built-in buzzer | 4 indicators (External power supply, arming/disarming, fault, and alarm) | 20 buttons (10 digital buttons and 10 function buttons)

Door Detector Plus ARD324-W2

• Opening & Shock & Tilt Detection
• Support 1-ch wired input
• Remote Update on Mobile App
• Dual-system Redundancy Backup

Movement Distance: < 40 mm |
Tilt Detection: Up to 25° |
3 level shock detection |
Wired Input Type: Detector, Keyswitch

Glass Break ARD512-W2

• Voice Wave Detection
• Support 2-ch wired input
• Remote Update on Mobile App
• Dual-system Redundancy Backup

Detection Range: < 9 m |
Wired Input Type: Detector, Tamper, Keyswitch |
Indoor Scenario

Smoke Detector HY-SA21A-W2

• Test and silence button
• Low quiescent current consumption
• Remote Update on Mobile App
• Dual-system Redundancy Backup

Split-spectrum sensor | Alarm Type: Smoke Alarm,
Fault Warning, Low Battery Warning | Communication Distance: Up to 1000m in open air
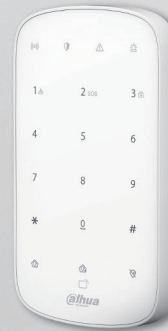| Alarm Volume: Over 85 dB(A)

Water Leak Detector ARD912-W2

• Hassle-free Installation
• One-piece/ Detached Design
• Remote Update on Mobile App
• Dual-system Redundancy Backup

Battery Life: 3 years when triggered once a day |
Indoor Scenario | Protection Level: IPX5

LED Keypad ARK30T-W2

• Arming/Disarming via IC Card
• 3 shortcut alarms
• Support duress alarm
• Remote Update on Mobile App
• Dual-system Redundancy Backup

4 indicators (communication, arm/disarm, fault, and alarm) | 15 buttons (0–9, *, #, arm, disarm, and home arm)
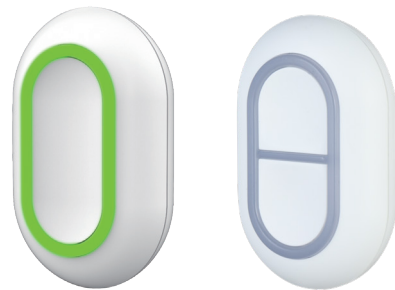
Keyfob ARA24-W2

• Clear and intuitive icon
• Remote Update on Mobile App
• Dual-system Redundancy Backup

4 Buttons (Home, Away, Disarm, and SOS) | 1 × two-color status indicator (green: normal, red: abnormal)
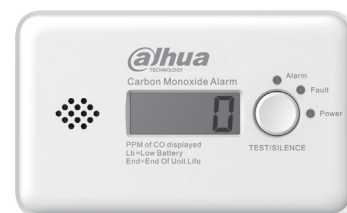
Panic Button ARD821-W2, ARD822-W2

• Accidental Press Prevention
• Support Control Mode
• Remote Update on Mobile App
• Dual-system Redundancy Backup

Battery Life: 3 years (if used twice a week) | Protection Level: IP54

CO Alarm HY-GC21B-W2

• LCD screen
• Test and silence button
• Remote Update on Mobile App
• Dual-system Redundancy Backup

High-performance electrochemical sensor | Alarm Type: CO Alarm, Fault Warning, Low Battery Warning | 3 Color LED Indicator Light |Indoor Scenario

Intercom Siren ARA14-W2

- Two-way Voice Intercom, and supports to connect SIP server
- 5 Alarm Sounds
- Link with all detectors
- Remote Update on Mobile App

built-in microphone | 1 × panic button, 1 × power button | Red, blue and green indicators | Indoor Scenario

Indoor Siren ARA12-W2

- 3 Alarm Sounds
- Doorbell Function
- Remote Update on Mobile App
- Dual-system Redundancy Backup

3 Adjustable Volume Levels |
3 optional Alarm Tones |
Indoor Scenario

Outdoor Siren ARA13-W2

- Optional External Power Supply
- 5 Alarm Sounds
- Remote Update on Mobile App
- Dual-system Redundancy Backup

1 × green pairing indicator; 12 × alarm LED groups |
Sound pressure level: 95.2 ≤ LAFmax [dB(A)] ≤
104.9. | Outdoor Scenario | Protection Level: IP65

I/O Transmitter ARM320-W2

- 1-ch Tamper & 1-ch Alarm
- 6 Alarm Types
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Wired Input Types: Detector, Keyswitch |
Input Signal Types: NO, NC & Pulse

I/O Multi-Transmitter ARM9A4-P-W2

- 2 Connection Modes: RF, PoE
- 16-channel alarm input, 4-channel alarm output
- Remote Update on Mobile App
- Dual-system Redundancy Backup

3 Power Supply Options: AC power, POE and
rechargeable battery | 2 built-in auxiliary output,
14.5V, total 1 A (PoE), 2 A (Non PoE)

Relay module ARM7011-W2

- Overheat & Overload Protection
- 1-ch Alarm Input, 1-ch Weak Current Output
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Operating Voltage: 7-24 VDC | Load capacity: 0-36V 5A DC

Wall Switch ARM7012-W2

- Overheat & Overload Protection
- 1-ch Power Current Output
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Operating voltage : 100-240 VAC |
Load capacity : 100-240V 13A AC

Smart Plug ICS1-W2

- Overheat & Overload Protection
- Plug & Play
- Remote Update on Mobile App
- Dual-system Redundancy Backup

Operating voltage : 100-240 VAC |
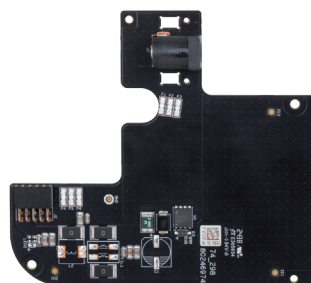Load Capacity: 100–240V 16A AC

Repeater ARA43-W2

- Manual and auto paring
- External power supply & built-in battery
- Remote Update on Mobile App
- Dual-system Redundancy Backup

1,600m Expansion Capability in open air |
Connect Up to 32 peripherals |
One hub supports 4 repeaters

PSU Module ARA62

- 9-24V PSU Module
- Competible with Hub 2

Input Voltage: 9-15VDC |
Output Voltage: 9-15VDC max.1.2A

Anti-intrusion Fogging System ARA-FOG01-W2-868

• Integrated with Dahua alarm system
• Photo verification
• Antipanic or Anti-robbery
• Ddisorientating and impenetrable fog

Dahua Wireless Alarm KIT ART-ARC3000H-03-FW2(868)

• Alarm hub 1 (4G)
• Wireless keyfob
• Wireless door detector
• Wireless PIR detector

Up to 150 devices via radio | Up to 4 cameras | Supports pre-recordings in the Panel

Dahua Wireless Alarm KIT ART-ARC3800H-03-FW2(868)

• Alarm hub 2 (4G)
• Wireless keyfob
• Wireless door detector
• Wireless PIR detector

Up to 150 devices via radio | Up to 8 cameras | Supports pre-recordings in the Panel

Dahua Wireless Alarm KIT ART-ARC3800H-03-CAM-FW2(868)

• Alarm hub 2 (4G)
• Wireless keyfob
• Wireless door detector
• Wireless PIR-Cam

Up to 150 devices via radio | Up to 8 cameras | Supports pre-recordings in the Panel

Dahua Wireless Alarm KIT（Black） ART-ARC3800H-03-FW2(868)-B

• Alarm hub 2 (4G)
• Wireless keyfob
• Wireless door detector
• Wireless PIR detector

Up to 150 devices via radio | Up to 8 cameras | Supports pre-recordings in the Panel

Enabling a Smarter Society and Better Living