

DHI-ARC3000H-W2

Alarm Hub

Network Protocol

TCP/IP, including PPTP, L2TP, DHCP, UPNP, and NTP



Technical Specification

Port

Wired Input	Expandable 64 channels
Wired Output	Expandable 64 channels
Connected Peripheral	1. Total number of wireless peripherals: 150. Wireless keyfobs: 64. Wireless keypads (LED and LCD): 8. Wireless sirens (internal and external sirens): 6. Wireless repeaters: 4. Internal PIR-Cameras: 8. Wireless Triple-Tech Detector: 56. Multi IO transmitters: 4. 2. Number of IPCs: 4. 3. Number of cards: Each user can be linked with 8 cards, without limit on the total quantity.
Network Mode	Ethernet and Wi-Fi
Network Port	1 × RJ-45 10 M/100 M Ethernet port
Storage Battery	Built-in lithium battery

Video & Audio

Video Input	4-channel IPC
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Function

Indicator Light	1 for multiple statuses (alarm, arming, disarming, networking, and malfunction)
Button	1 × reset, 1 × power, 1 × AP
Buzzer	Built-in
SMS	Yes (up to 5 phone numbers)
Phone Call	Yes (up to 5 phone numbers)
Video Linkage	Yes
Offline Cache	Max. 50 entries (ANR)
Arm and Disarm	App, keyboard, keyfob, SIA, SMS, card, scheduled arming and disarming.
Remote Update	Cloud update

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- Supports 150 wireless peripherals (6 sirens, 64 wireless keyfobs);
- Peripherals status display (signal strength, battery level, temperature, program version);
- Automatic network replenishment (ANR);
- Video linkage on App;
- Frequency hopping function and two-way communication technology ensure communication stability;
- Cloud update and automatic recovery from update failure.

Low Battery Detection	Yes
Tamper	Yes
User Management	Share function for App users
Logs	5000

Wireless

Carrier Frequency	433.1 MHz–434.6 MHz
Transmitter Power (EIRP)	Limit 10 mW
Communication Mechanism	Two-way
Communication Distance	Up to 1,200 m (3,937.01 ft) in an open space
Encryption Mode	AES128
Frequency Hopping	Yes
Wi-Fi	2.4G

General

Power Supply	12 VDC, 1.5 A
Battery Life	Storage battery standby for 12 hours
Operating Temperature	–10 °C to +50 °C (+14 °F to +122 °F) (indoor)
Operating Humidity	10%–90% (RH)
Product Dimensions	163.0 mm × 163.0 mm × 32.0 mm (6.42" × 6.42" × 1.26") (L × W × H)
Net Weight	0.38 kg (0.84 lb)
Gross Weight	0.8 kg (1.76 lb)
Installation	Wall mount; Desktop
Casing Material	PC + ABS
Certifications	CE
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Storage Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Storage Humidity	10%–90% (RH)
Packaging Dimensions	219.0 mm × 187.0 mm × 91.0 mm (8.62" × 7.36" × 3.58") (L × W × H)

Ordering Information

Type	Model	Description
Alarm Hub	DHI-ARC3000H-W2	Alarm Hub

Dimensions (mm[inch])

