DHI-ARC3000H-FW2(868)

Alarm hub



- Supports 150 wireless peripherals (6 sirens, 64 wireless keyfobs, 4 repeaters, 8 keypads, 8 PIR-Cameras).
- Peripherals status display (signal strength, battery level, temperature, program version).
- Wired, Wi-Fi, 4G, 3G or GPRS network connection.
- Dual SIM and Single Standby.
- 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.

System Overview

An all new industrial design and advanced technological system, makes the new generation of wireless alarm products easier to install, look better, communicate more reliably and perform more stably. From the comfort of the mobile apps DMSS (for end users) and COS Pro (for installers), receive notifications in real-time, control and manage your devices, perform remote operations, and more.

Scene

Mainly applied for villas, shops, apartments, etc.

Technical Specification

Audio and Video

Video Input	4-channel IPC

Input/Output

Wireless Zone	Supports 150 wireless peripherals (6 sirens, 64 wireless keyfobs, 4 repeaters, 8 keypads, 8 PIR-Cameras)

Port

Network Port	1 × RJ-45 10 M/100 M Ethernet port
Network Mode	Ethernet, Wi-Fi and Cellular network (Supports installation of dual SIM cards. Only one card can be enabled at a time)
Storage Battery	Built-in lithium battery
Indicator Light	1 for multiple statuses (alarm, arming, disarming, networking, and malfunction)
Button	1 × reset, 1 × power, 1 × AP
Buzzer	Built-in

Function

Tamper Alarm	Yes
SMS	Yes (up to 5 phone numbers)
Calling Alarm	Yes (up to 5 phone numbers)
Video Linkage	Yes
Network Protocol	TCP/IP, including PPTP, L2TP, DHCP, UPNP, and NTP
Remote Upgrade	Cloud update
Arm and Disarm	App; keyfob; schedule
Power Failure Protection for Configured Parameters	Yes
User Management	Share function for App users
Cache	Max. 50 entries (ANR)
Low Battery Alarm	Yes
Search	Search for push messages, device status, and program version, and detect signal strength
Event Logs	Max. 5000

Wireless

Carrier Frequency	868.0 MHz–868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Distance	Up to 2,000 m (6,561.68 ft) in an open space
Communication Mechanism	Two-way
Encryption Mode	AES128
Frequency Hopping	Yes

Wi-Fi

Wi-Fi Standard	IEEE 802.11b/g/n
Wi-Fi Frequency Range	2400-2483.5 MHz
Wi-Fi Power Transmission	≤20 dBm@2400-2483.5 MHz

Cellular Network

Cellular Network Standard	GSM/WCDMA/LTE
Frequency Range	4G: FDD-LTE: B1/B3/B7/B8/B20; TDD-LTE: B38/B40/B41; 3G: WCDMA: B1/B5/B8; 2G: GSM: 1,800/900 MHz
Transmitter Power (EIRP)	4G: Power class3: 23 dBm±2 dB 3G: Power class3: 24 dBm+1/-3 dB 2G: Power class0: 30 dBm±3 dB (GSM900) Power class5: 33 dBm±3 dB (GSM1800)

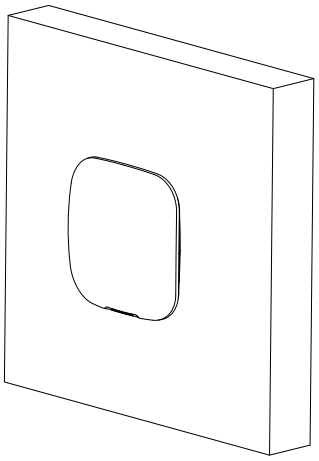
General

Power Supply	12 V DC, 1.5 A (Europe, UK and USA power adapters are optional)
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)
Packaging Dimensions	219.0 mm × 187.0 mm × 91.0 mm (8.62" × 7.36" × 3.58") (L × W × H)
Installation	Wall mount; Desktop
Net Weight	0.38 kg (0.84 lb)
Gross Weight	0.8 kg (1.76 lb)
Certifications	CE EN 50131-1:2006+A1:2009+A2:2017+A3:2020 EN 50131-3:2009 EN 50131-6:2017 EN 50131-5-3:2017 EN 50131-10: 2014 EN 50136-2: 2013 Security Grade 2 Environmental Class II ATS category: SP2/DP2
Casing	PC + ABS
Battery Life	Storage battery standby for 12 hours

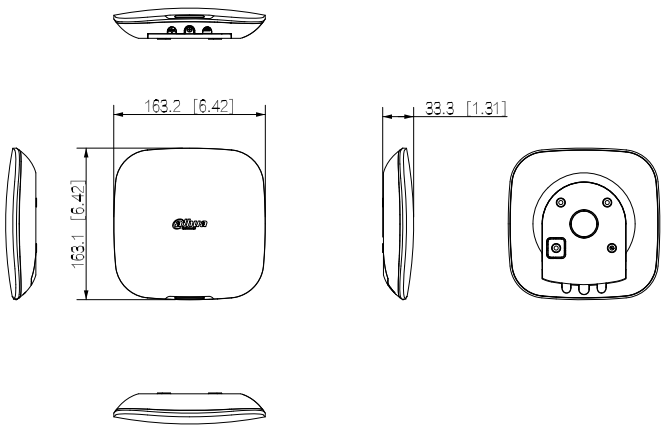
Ordering Information

Type	Model	Description
Alarm hub	DHI-ARC3000H-FW2(868)	Alarm hub (4G)

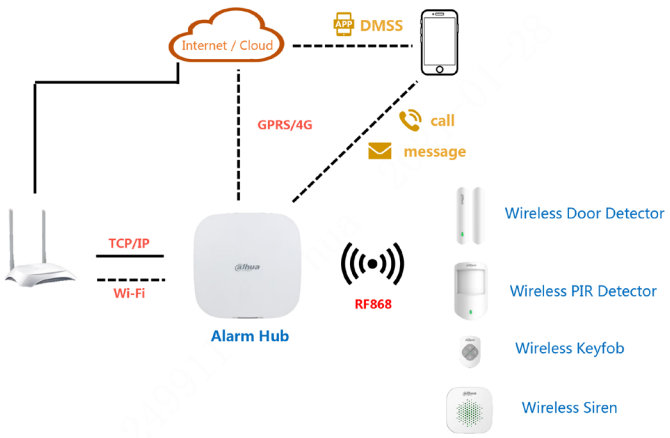
Installation



Dimensions (mm[inch])



Application



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