

# DHI-ARC3000H-GW2(868)

Alarm hub



### **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	$1 \times \text{reset}, 1 \times \text{power}, 1 \times \text{AP}$	
Buzzer	Built-in	
Function		
Tamper Alarm	Yes	

- · 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 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.

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

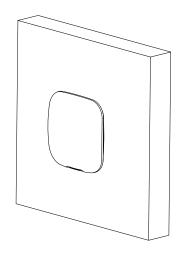
Cellular Network Standard	GSM/WCDMA/LTE
Frequency Range	GSM: 1,800/900 MHz
Transmitter Power (EIRP)	Power class0: 30 dBm±3 dB (GSM900) Power class5: 33 dBm±3 dB (GSM1800)
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General		
Power Supply	$12\mathrm{V}$ DC, $1.5\mathrm{A}$ (Europe, UK and USA 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		
Casing	PC + ABS	

# Ordering Information

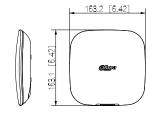
Ordering information			
Туре	Model	Description	
Alarm hub	DHI-ARC3000H-GW2(868)	Alarm hub (2G)	

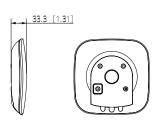
### Installation



## Dimensions (mm[inch])









## **Application**

