DHI-ARA16-W2(868)

Wireless Intercom Speaker



- Two-way talk via RF transmission.
- High-decibel alarm sound.
- Multiple alarm sounds: Fire, medical, intrusion, panic, and more.
- Configurable arming/disarming prompt sound and LED indicator.
- Supports panic button.
- Supports custom chimes.
- Offers voice talk through the app, SIP and VoIP.
- Suitable for the ARC3800H series only, excluding the ARC3000H and ARA43 series.

Series Overview

The wireless Intercom Speaker triggers audio and visual alarm alerts once it receives alarm signals. It is also equipped with a two-way intercom function: when an alarm is triggered in your protected zone, you can initiate intercom communication with the alarm scene directly via the mobile apps (DMSS or DoLynk). The security center can also establish two-way audio communication with the alarm site through this intercom device. Additionally, it supports uploading custom chimes, which can be bound to different triggering devices (such as door detectors or wired input devices).

Technical Specification

Port

Microphone	Yes. The pickup range is up to 5 m (16.40 ft).

Video & Audio

Two-way Audio	Yes. The volume is up to 90 dB@10cm.

Function

Button	1 × panic button, 1 × power button
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes

Technical

LED Indicator	Red, blue and green indicators
Scenario	Indoor
Operating Current	3.1 A (Max), 20 uA (Standby) (Battery 3V*2=6V); 1.2 A (Max), 13.9mA (Standby) (DC 12V)
Sound and Light Alarm	Yes
Sound Pressure	Volume high 85db (A)1 m

Wireless

Carrier Frequency	865.34 MHz–868.60 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Mechanism	Two-way
Communication Distance	1700m（alarm transmission），1700m（intercom）
Encryption Mode	AES128
Frequency Hopping	Yes

General

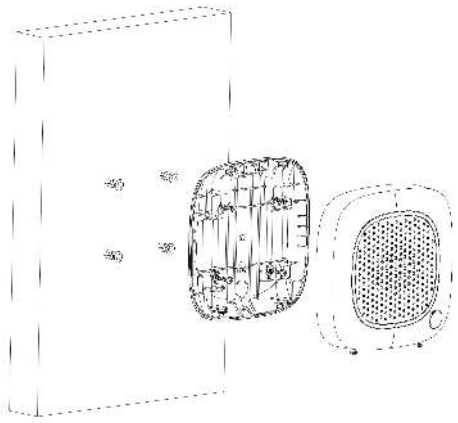
Power Supply	4 × CR123A battery/9-15 VDC
Power Supply Type	Type B
Battery Model	CR123A
Standby Time	3 years (when triggered once every 2 weeks and alarms for 120 sec).
Power Consumption	18.6 W (Max), 0.12 mW (Standby) (Battery ,3V*2=6V)；14.4 W (Max), 166.8 mW (Standby)(DC 12V)
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Operating Humidity	10%–90% (RH)
Product Dimensions	133.0 mm × 133.0 mm × 35.5 mm (5.24" × 5.24" × 1.40")
Net Weight	377 g (0.83 lb)
Gross Weight	507 g (1.12 lb)
Installation	Wall mount
Casing Material	PC + ABS
Appearance Color	White
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	170 mm × 166 mm × 55 mm (6.69" × 6.54" × 2.71")

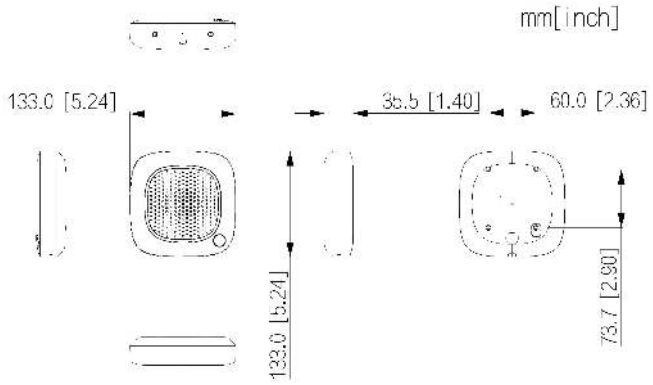
Ordering Information

Type	Model	Description
Wireless Intercom Speaker	DHI-ARA16-W2(868)	Wireless Intercom Speaker

Installation



Dimensions (mm[inch])



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