DHI-ARA12-W2(868)

Wireless Siren



- Signal strength detection;
- Low battery alarm;
- temperature monitoring;
- Frequency hopping function and two-way communication technology ensure communication stability;
- Cloud update and automatic recovery from update failure.

Series Overview

When receiving alarm signals, the device can trigger sound and light alarms.

Technical Specification

Port

Indicator Light	1 × green alarm indicator
Button	1 × power button

Audio and Video

Volume Control	3 volumn levels

Function

Tamper Alarm	Yes
Remote Update	Cloud update
Search	Signal strength detection
Low Battery Alarm	Yes

Wireless Parameters

Carrier Frequency	868.0 MHz–868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Distance	Up to 1,000 m (3,280.84 ft) in an open space
Communication Mechanism	Two-way
Encryption Mode	AES128
Frequency Hopping	Yes

General

Power Supply	2 × CR123A batteries
Battery Life	2.5 years in working status (triggered twice every week and alerts 120 s for each triggering)
Power Consumption	Max. 240 mW
Operating Environment	–10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Operating Humidity	10%–90% (RH)
Product Dimensions	81.0 mm × 81.0 mm × 26.0 mm (3.19" × 3.19" × 1.02") (L × W × H)
Installation	Bracket mount
Net Weight	105 g (0.23 lb)
Gross Weight	175 g (0.39 lb)
Casing Material	PC + ABS
Certifications	CE EN 50131-1:2006+A1:2009+A2:2017+A3:2020 EN 50131-4:2019 EN 50131-6:2017 EN 50131-5-3:2017 Security Grade 2 Environmental Class II
Packaging Dimensions	135.0 mm × 98.5 mm × 56.8 mm (5.31" × 3.88" × 2.24") (L × W × H)

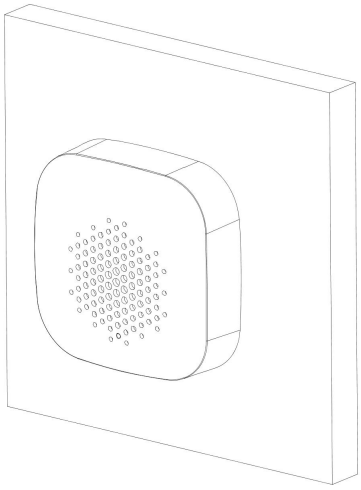
Technical Parameter

Test Mode	Yes
Sound Pressure	Volume high: 105 dB(A) at 1 meter In anechoic chamber: high: 84 dB(A) at 1 meter, medium: 78 dB(A) at 1 meter

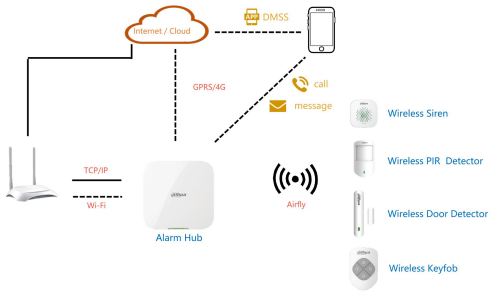
Ordering Information

Type	Model	Description
Wireless Siren	DHI-ARA12-W2(868)	Wireless Siren

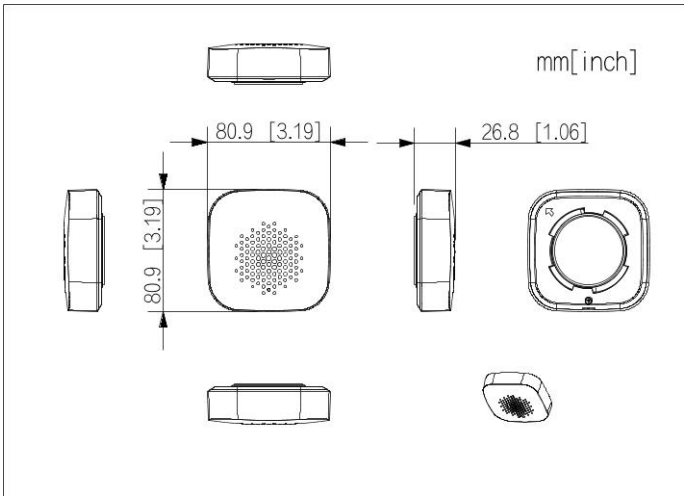
Installation



Application



Dimensions (mm[inch])



Rev 002.000 ©Dahua. All rights reserved. Design and specifications are subject to change without notice.
Pictures in the document are for reference only, and the actual product shall prevail.