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.

System Overview

Wireless siren is an indoor siren that loudly alarms when an alarm event occurs. It features danger warning and intrusion determent.

Scene

Mainly applied for villas, shops, apartments, etc.

Technical Specification

Port

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

Function

Tamper Alarm	Yes
Remote Upgrade	Cloud update
Test Mode	Yes
Low Battery Alarm	Yes
Search	Signal strength detection

Wireless

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
Frequency Hopping	Yes
Encryption Mode	AES128

General

Power Supply	2 × CR123A batteries
Power Consumption	Max. 240 mW
Operating Temperature	–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)
Packaging Dimensions	135.0 mm × 98.5 mm × 56.8 mm (5.31" × 3.88" × 2.24") (L × W × H)
Installation	Bracket mount
Net Weight	105 g (0.23 lb)
Gross Weight	175 g (0.39 lb)
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
Battery Life	2.5 years in working status (triggered twice every week and alerts 120 s for each triggering)
Sound Pressure	Volume high 84 db (A)1 m Volume medium 78 db (A)1 m
Casing	PC + ABS

Temperature

Measuring Range	–15 °C to +65 °C (+18.8 °F to +149 °F) (indoor)
Measuring Precision	± 1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

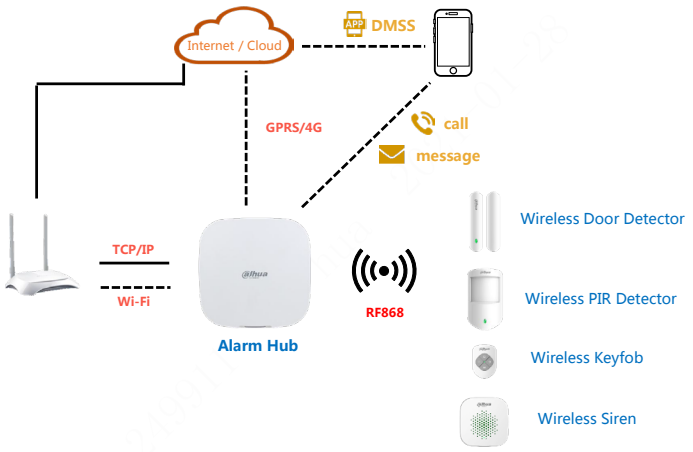
Audio/Video Parameter

Volume Adjustment	3 volumn levels

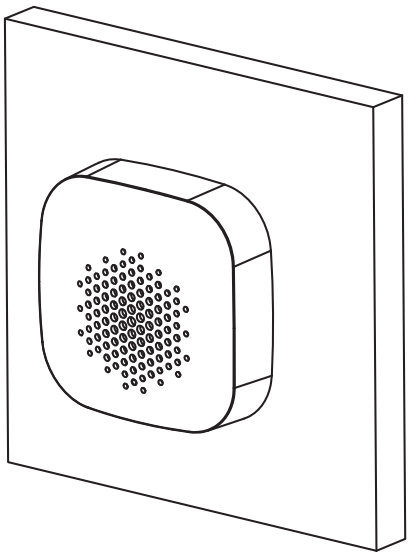
Ordering Information

Type	Part Number	Description
Wireless siren	DHI-ARA12-W2(868)	Wireless siren

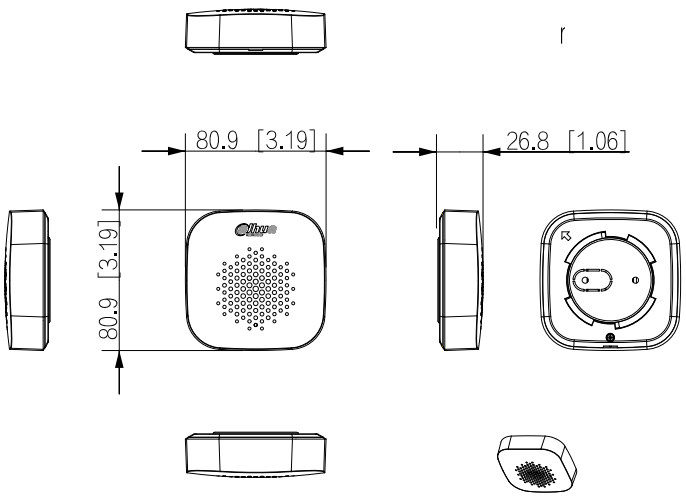
Application



Installation



Dimensions (mm[inch])



Rev 002.000 © 2024 Dahua. All rights reserved. Design and specifications are subject to change without notice.
The images, specifications and information mentioned in the document are only for reference, and might differ from the actual product.