

DHI-ARA12-W2(915)

Wireless Siren



Series Overview

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

Technical Specification

Function

Indicator Light	1 × green alarm indicator
Button	1 × power button
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes

Technical

Test Mode	Yes
Operating Current	3 VDC 1.5 A (max) 3 VDC 80 uA (standby)
Sound Pressure	Volume high: 105 dB(A) In anechoic chamber: high: 84 dB(A) at 1 meter, medium: 78 dB(A) at 1 meter

Wireless

Carrier Frequency	915 MHz–928 MHz
Transmitter Power (EIRP)	Limit 1 W
Communication Mechanism	Two-way
Communication Distance	Up to 1,000 m (3,280.84 ft) in an open space
Encryption Mode	AES128
Frequency Hopping	Yes

General

Power Supply	2 × CR123A batteries
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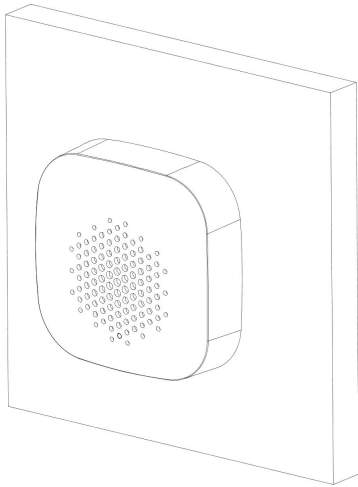
- Signal strength detection.
- Low battery alarm.
- Supports temperature monitoring.
- Offers frequency hopping and two-way talk technology, ensuring the stability of communication.
- Cloud update and automatic recovery from update failure.

Power Supply Type	Type C
Battery Model	CR123A
Battery Life	Lasts for 2.5 years if alarms are triggered every two weeks, with each alarm sounding for 120 seconds.
Power Consumption	4.5 W (max) 0.24 mW (standby)
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)
Net Weight	105 g (0.23 lb)
Gross Weight	175 g (0.39 lb)
Installation	Bracket mount
Casing Material	PC + ABS
Packaging Dimensions	135.0 mm × 98.5 mm × 56.8 mm (5.31" × 3.88" × 2.24") (L × W × H)

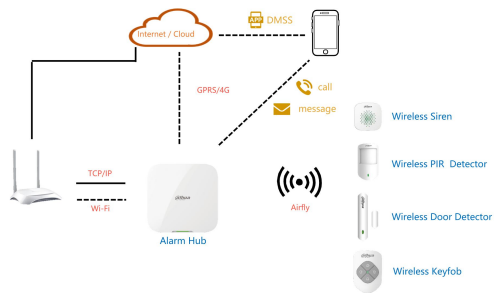
Ordering Information

Type	Model	Description
Wireless Siren	DHI-ARA12-W2(915)	Wireless Siren

Installation



Application



Dimensions (mm[inch])

