

DHI-ARA13-W2(915)

Dahua Wireless External Siren



- Carrier frequency: 915 MHz.
- Outdoor product (–20 °C to +65 °C).
- IP65 rated.
- 12 VDC and battery power supply.
- Multiple alarm sounds: Fire, medical, intrusion, panic, and more.
- Indicator lights: Red and blue.
- Sound pressure level: 110 dB.
- Configurable settings on app.
- AES-128 encryption.
- Easy installation and quick network access.
- Signal strength detection.
- Low battery alarm.
- Case and wall tamper alarm.
- Frequency hopping and two-way communication.
- Cloud update and automatic recovery from update failure.

System Overview

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

Technical Specification

Function

Indicator Light	1 × green alarm indicator 12 × alarm LED groups
Button	1 × power switch
Buzzer	1 × buzzer
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes

Technical

Test Mode	Yes
Scenario	Outdoor/Indoor
Operating Current	3 VDC, 0.8 A (max) 3 VDC, 80 uA (standby) 12 VDC, 1 A (max) 12 VDC, 7.3 mA (standby)
Sound and Light Alarm	Light alarm and multiple alarm sounds, including fire, medical, intrusion, panic, and more.
Sound Pressure	LA _F max [dB(A)] @ 1m [95.2,110]

Wireless

Carrier Frequency	915 MHz–928 MHz
Transmitter Power (EIRP)	Limit 1 W
Communication Mechanism	Two-way
Communication Distance	Up to 1,600 m (5,249.34 ft) in an open space

Encryption Mode	AES128
Frequency Hopping	Yes

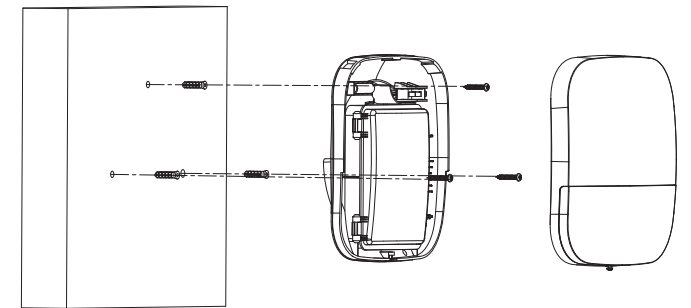
General

Power Supply	4 × CR123A battery/9-15 VDC
Power Supply Type	Type B
Battery Model	CR123A
Battery Life	Four CR123A batteries can last for 3.4 years if alarms are triggered every two weeks. It has a battery capacity of 80%, and each alarm sounds for 120 seconds.
Low Battery Threshold	2.7 VDC
Battery Restore Threshold	2.8 VDC
Power Consumption	2.4 W (max) 0.24 mW (standby)
Operating Temperature	–25 °C to +60 °C (–13 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Product Dimensions	200 mm × 200 mm × 52.5 mm (7.87" × 7.87" × 2.07") (L × W × H)
Net Weight	610 g (1.34 lb)
Gross Weight	920 g (2.03 lb)
Installation	Wall mount
Casing Material	PC + ABS
Protection	IP65

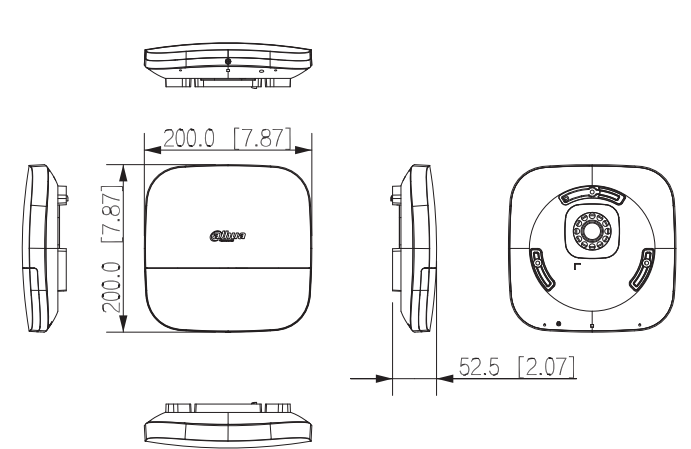
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Packaging Dimensions	255 mm × 239 mm × 64 mm (10.04" × 9.41" × 2.52") (L × W × H)

Ordering Information		
Type	Model	Description
Siren	DHI-ARA13-W2(915)	Dahua Wireless External Siren

Installation



Dimensions



Panels

