

DHI-ARA12-W2

Wireless siren



- Signal strength detection.
- · Low battery alarm.
- Temperature measurement.
- 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 | 433.1 MHz-434.6 MHz |
|-------------------------|--|
| Communication Distance | Up to 800 m (2,624.67 ft) in an open space |
| Communication Mechanism | Two-way |
| Frequency Hopping | Yes |
| Encryption Mode | AES128 |

General

| Power Supply | 2 × CR123A batteries |
|---------------|-----------------------|
| 1 OWEL Supply | Z / CITIZS/ Dutteries |

| Power Consumption | Max. 230 mW |
|-----------------------|--|
| Operating Temperature | $-10~^{\circ}\text{C}$ to +55 $^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +131 $^{\circ}\text{F}$) (indoor) |
| Operating Humidity | 10%–90% (RH). |
| Product Dimensions | 81.0 mm \times 81.0 mm \times 26.0 mm (3.19" \times 3.19" \times 1.02") (L \times W \times H) |
| Packaging Dimensions | 135.0 mm \times 98.5 mm \times 56.8 mm (5.31" \times 3.88" \times 2.24") (L \times W \times H) |
| Installation | Bracket mount |
| Net Weight | 105 g (0.23 lb) |
| Gross Weight | 175 g (0.39 lb) |
| Certifications | CE |
| Battery Life | 2.5 years in working status (triggered twice every week and alerts 120 s for each triggering) |
| Sound Pressure | ≥ 105 ± 3 dB\1M |
| 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) |

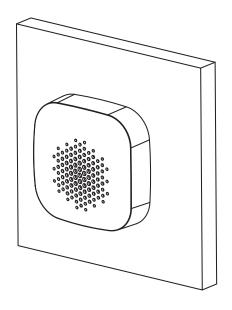
Audio/Video Parameter

| Volume Control | 3 volumn levels |
|----------------|-----------------|
| Volume Control | 5 Volumnie Vels |

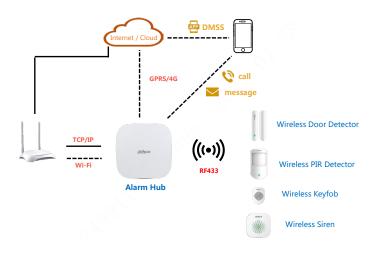


| Ordering Information | | | |
|----------------------|--------------|----------------|--|
| Туре | Model | Description | |
| Wireless siren | DHI-ARA12-W2 | Wireless siren | |

Installation



Application



Dimensions (mm[inch])

