

# DHI-ARA12-W2

Wireless siren



- Signal strength detection.
- Low battery alarm.
- Temperature measurement.
- 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

It is suitable for civil use, and other scenes with a high demand for anti-theft and anti-intrusion, such as supermarkets and shopping malls.

## 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 1,300 m (4,265.09 ft) in an open space |
| Communication Mechanism | Two-way                                      |
| Frequency Hopping       | Yes  |
| Encryption Mode         | AES128                                       |

## General

|                       |   |
|-----------------------|---|
| Power Supply          | 2 × CR123A batteries  |
| Power Consumption     | 230 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  |
| 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)                                  |

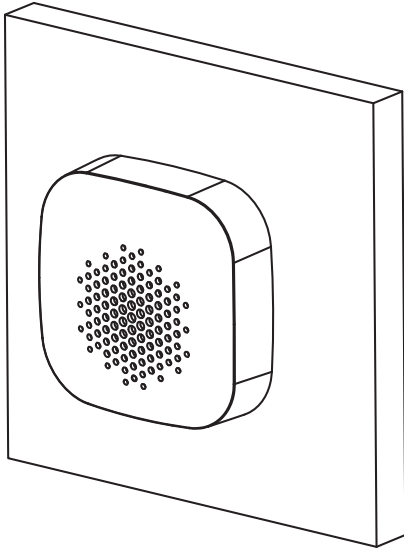
## Audio/Video Parameter

|                |                 |
|----------------|-----------------|
| Volume Control | 3 volume levels |
|----------------|-----------------|

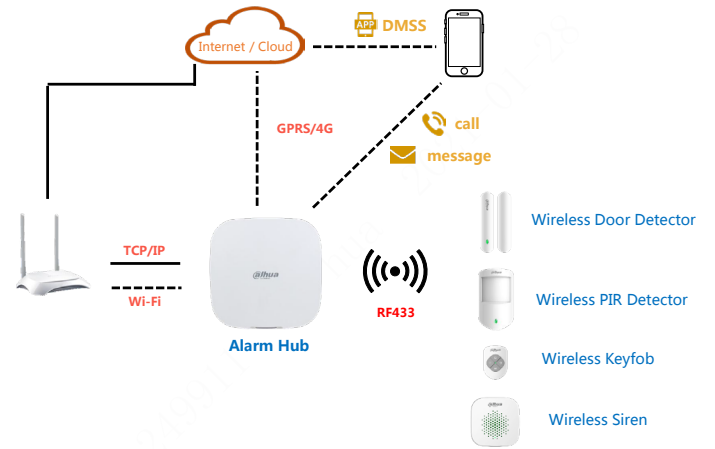
**Ordering Information**

| Type           | Model        | Description    |
|----------------|--------------|----------------|
| Wireless siren | DHI-ARA12-W2 | Wireless siren |

**Installation**



**Application**



**Dimensions (mm[inch])**

