

# 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 Consumption	Max. 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	

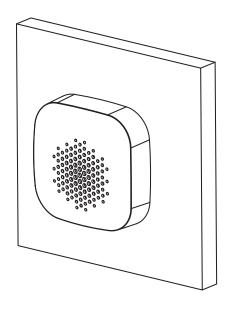
#### Temperature

Measuring Range	$-15~^{\circ}\text{C}$ to +65 $^{\circ}\text{C}$ (+18.8 $^{\circ}\text{F}$ to +149 $^{\circ}\text{F}$ ) (indoor)
Measuring Precision	± 1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

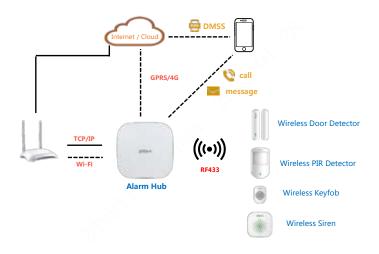
#### Audio/Video Parameter

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

### Installation



## Application



## Dimensions (mm[inch])

