

DHI-ARA12-W2(868)

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	868.0 MHz-868.6 MHz
Communication Distance	Up to 1,000 m (3,280.84 ft) in an open space
Communication Mechanism	Two-way
Frequency Hopping	Yes
Encryption Mode	AES128
General	
Power Supply	2 × CR123A batteries

Power Consumption	Max. 240 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 Adjustment	3 volumn levels	

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Ordering Information			
Туре	Part Number	Description	
Wireless siren	DHI-ARA12-W2(868)	Wireless siren	

Installation



Application



Dimensions (mm[inch])



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