

DHI-ARA43-W2(868)

Alarm Repeater



- · Connects up to 32 peripherals.
- · Two-way RF communication.
- · LED indicator displays device status.
- · Supports manual and auto paring, extending RF distance for your security system.
- · Auto switches from dual antennas to reduce blind areas.
- · Cloud update and auto recovery of update failure.
- · Battery backs device working for over 35 hours when external power supply fails.

System Overview

Alarm repeater is a wireless repeater device that extends the communication range between the alarm hub and other accessories, and forwards messages received from the accessory to the hub. It provides a secondary communication path for accessories, improving the overall stability and reliability of communication of the wireless security system. You can use the DMSS app to manually select a path for accessories or allow the system to automatically select one for them.

Scene

It is suitable for security use in scenes, such as villas with multiple floors, garages that are far away from residential areas, or office buildings and shops with partitions.

Technical Specification		
Input/Output		
Wireless Zone	32 × wireless peripherals	
Port		
Storage Battery	Built-in lithium battery	
Indicator Light	1 that indicates pairing and working	
Power Switch	1 × power switch	
Function		
Pairing Mode	Auto/Manual	
Tamper Alarm	Yes	
Remote Update	Cloud update	
Power Failure Protection for Configured Parameters	Yes	
Disconnection Detection of External Power Supply	Yes	

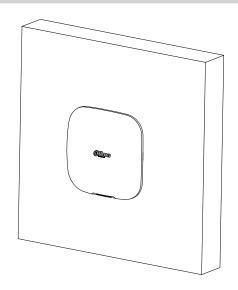
Low Battery Alarm	Yes		
Search	Signal strength detection		
Wireless			
Carrier Frequency	868.0 MHz-868.6 MHz		
Communication Distance	Up to 1,600 m (5249.34 ft) in an open space		
Communication Mechanism	Two-way		
Encryption Mode	AES128		
Frequency Hopping	Yes		
General			
Power Supply	12 VDC, 1.5 A		
Battery Life	Battery standby time: 35 h		
Operating environment	-10 °C to +55 °C (+14 °F to +131 °F) (indoor)		
Operating Humidity	10%-90% (RH)		
Product Dimensions	163.0 mm × 163.0 mm × 32.0 mm (6.42" × 6.42" × 1.26")		
Packaging Dimensions	219.0 mm \times 187.0 mm \times 91.0 mm (8.62" \times 7.36" \times 3.58")		
Installation	Wall mount; Desktop		
Net Weight	0.32 kg (0.71 lb)		
Gross Weight	0.74 kg (1.63 lb)		
Certifications	CE		
Casing	PC+ABS		



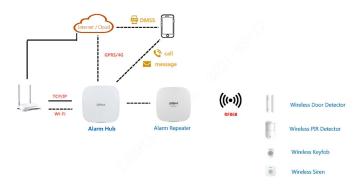
ARA4 Series | DHI-ARA43-W2(868)

Ordering Information		
Туре	Model	Description
Alarm Accessory	DHI-ARA43-W2(868)	Wireless repeater

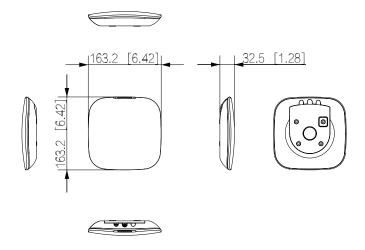
Installation



Application



Dimensions (mm[inch])



Rev 001.001

