

DHI-ARA43-W2(868)

Alarm Repeater



- · Connects up to 32 peripherals.
- · Two-way RF communication.

Low Battery Alarm

- · 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.

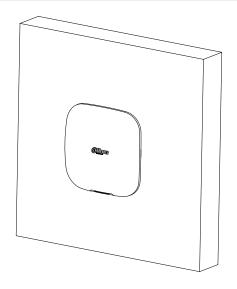
Technical Specification		
Input/Output		
Wireless Zone	32 × wireless peripherals	
Port		
Storage Battery	Built-in lithium battery	
Indicator Light	1 that indicates pairing and working	
Power Switch	1 × power switch	
Function		
Pairing Mode	Auto/Manual	
Tamper Alarm	Yes	
Remote Update	Cloud update	
Power 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 × 187.0 mm × 91.0 mm (8.62" × 7.36" × 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	

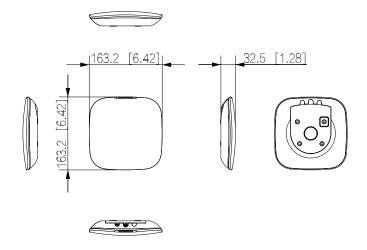
ARA4 Series | DHI-ARA43-W2(868)

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

Installation



Dimensions (mm[inch])



Application

