

# DHI-ARD324-W2(868S)

Wireless Door Detector Plus



### **System Overview**

Wireless Door Detector Plus detects the status of doors and windows, recognizing when they are opening, shocking and tilting. It can connect with wired detectors in one of 3 ways: normally open, normally closed, and pulse. Easy to install and use, all the configurations can be done through the APP.

## **Technical Specification** Input/Output Alarm Input 1(Normally Closed; Normally Open; Impulse Count) **Function** Indicator Light 1 × green alarm indicator 1 × power switch Cloud update Remote Update **Low Battery Detection** Yes Tamper Measuring Range Indoor: -15 °C to +65 °C (+5 °F to +149 °F) (Temperature) Measuring Accuracy ±1 °C (±1.8 °F) Technical Triaxial Accelerometer, Reed Switch Sensor Movement Distance < 40 mm (1.57") **Shock Detection** High, normal, low Tilt Detection Up to 25° Test Mode Scenario Non-metal doors 12 uA **Operating Current**

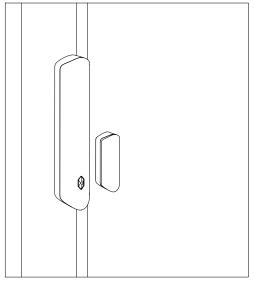
- · Displays the temperature of the surrounding environment and supports the overheating alarm.
- · Frequency hopping and two-way communication technology ensure that communication is stable.
- · Supports cloud update and automatically restores when cloud update fails
- · Supports jamming detection and communication encryption.
- · Supports tilt and shock detection, and generates alarms when the event happens.

Alarm Current	2.3 mA	
Wireless		
Carrier Frequency	868.0 MHz-868.6 MHz	
Communication Mechanism	Two-way	
Communication Distance	Up to 1,200 m (3937.01 ft) in an open space	
Encryption Mode	AES128	
Frequency Hopping	Yes	
General		
Power Supply	CR123A × 1	
Battery Life	If triggered twice a day with a battery efficiency of 70%: 3 years (The external input type is NO) 1.5 years (The external input type is NC)	
Power Consumption	167 mW	
Operating Temperature	Indoor: –10 °C to +55 °C (+14 °F to +131 °F)	
Operating Humidity	10%-90% (RH)	
Storage Temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
Storage Humidity	10%-90% (RH)	
Product Dimensions	100.2 mm × 20.8 mm × 20.3 mm (3.94" × 0.82" × 0.80")	
Packaging Dimensions	135.0 mm $\times$ 98.5 mm $\times$ 27.8 mm (5.32" $\times$ 3.87" $\times$ 1.09")	
Net Weight	70 g (0.15 lb)	
Gross Weight	115 g (0.25 lb)	
Installation	Bracket mount	
Casing Material	PC + ABS	
Certifications	CE	

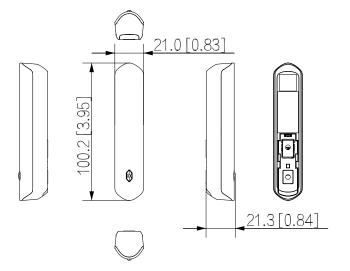
## Wireless Door Detector Plus | DHI-ARD324-W2(868S)

Ordering Information		
Туре	Part Number	Description
Wireless Door Detector	DHI-ARD324- W2(868S)	Wireless Door Detector Plus

## Installation



Dimensions (mm[inch])



## **Application**

