

# DA-ARD324-W2-868

## DAHUA WIRELESS DOOR DETECTOR PLUS



**MANUFACTURER MODEL NO: DHI-ARD324-W2(868)**

### 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)
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#### Function

Indicator Light	1 x green alarm indicator
Button	1 x power switch
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes
Measuring Range (Temperature)	Indoor: -15 °C to +65 °C (+5 °F to +149 °F)
Measuring Accuracy	±1 °C (±1.8 °F)

#### Technical

Sensor	Triaxial accelerometer, reed switch
Movement Distance	< 40 mm (1.57")
Shock Detection	High, normal, low
Tilt Detection	Up to 25°
Test Mode	Yes
Scenario	Non-metal doors
Operating Current	12 uA

- 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
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#### Wireless

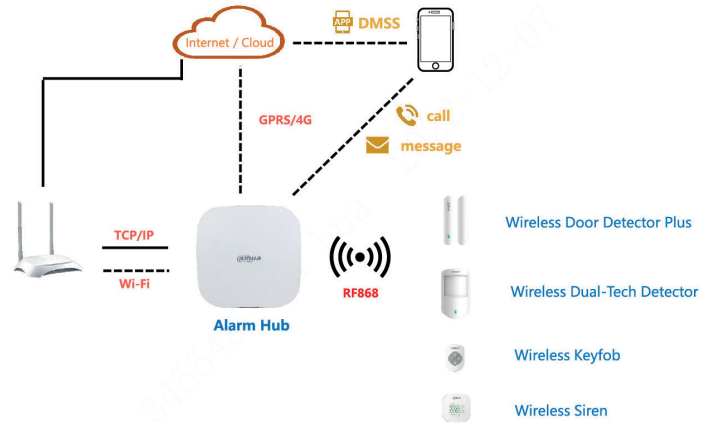
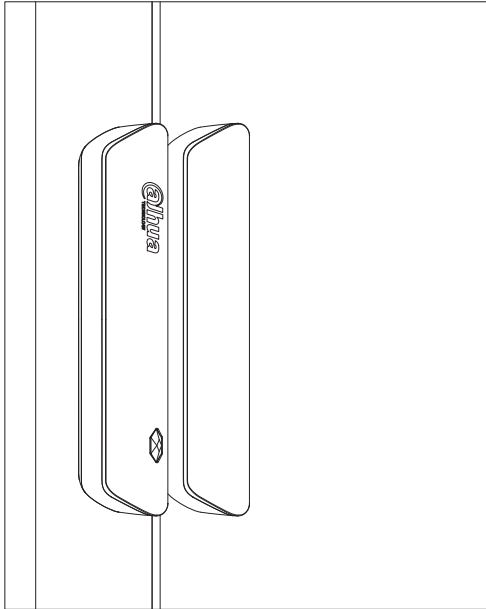
Carrier Frequency	868.0 MHz~868.6 MHz
Communication Mechanism	Two-way
Communication Distance	Up to 1,200 m (3937.01 ft) in an open space
Encryption Mode	AES128
Frequency Hopping	Yes

#### General

Power Supply	CR123A x 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 x 20.8 mm x 20.3 mm (3.94" x 0.82" x 0.80")
Packaging Dimensions	135.0 mm x 98.5 mm x 27.8 mm (5.32" x 3.87" x 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

**Application**

**Installation**



**Dimensions (mm[inch])**

