DHI-ARD334-W2(868S)

Wireless Door Detector Plus



- 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.

Series 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

Port

Alarm Input	1(Normally Closed;Normally Open;Impulse Count)

Function

Indicator Light	1 × green alarm indicator
Button	1 × power switch
Remote Update	Cloud update
Low Battery Detection	Yes
Tamper	Yes
Measuring Range (Temperature)	–15 °C to +65 °C (+5 °F to +149 °F) (indoor)

Technical

Sensor	Triaxial accelerometer, reed switch
Movement Distance	< 40 mm (1.57")
Test Mode	Yes
Scenario	Non-metal doors
Operating Current	12 uA
Alarm Current	2.3 mA
Shock Detection	High,Normal,Low
Tilt Detection	Up to 25°

Wireless

Carrier Frequency	868.0 MHz–868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Mechanism	Two-way
Communication Distance	Up to 1,600 m (5249.34 ft) in an open space
Encryption Mode	AES128
Frequency Hopping	Yes

General

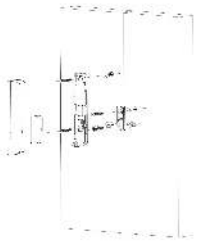
Power Supply	CR123A × 1
Power Supply Type	Type C
Battery Life	If triggered twice a day with a battery efficiency of 70%： 3 years (The external input type is NO) 1.5 years (The external input type is NC)
Low Battery Threshold	2.2 V
Battery Restore Threshold	2.6 V
Power Consumption	0.267 W (Max), 0.114 mW (Standby)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–90% (RH)
Product Dimensions	101.0 mm × 21.0 mm × 22.2 mm (3.98" × 0.83" × 0.87") (L × W × H)
Net Weight	54.9 g (0.12 lb)
Gross Weight	97.6 g (0.22 lb)
Installation	Wall mount
Casing Material	PC + ABS
Certifications	CE

Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.
Storage Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Storage Humidity	10%–90% (RH)
Packaging Dimensions	110.0 mm × 75.0 mm × 33.0 mm (3.61" × 2.46" × 1.08") (L × W × H)

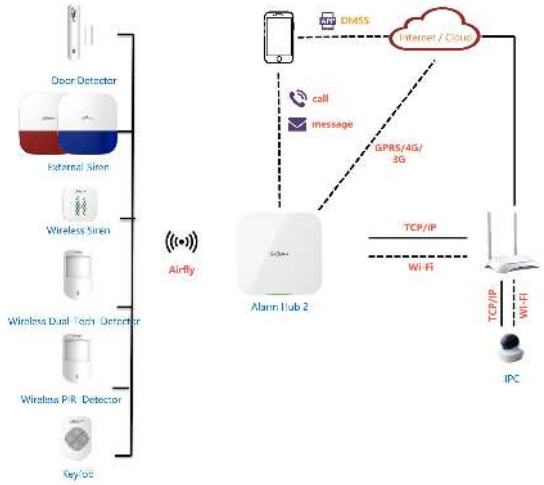
Ordering Information

Type	Model	Description
Wireless Door Detector 2 Plus	DHI-ARD334-W2(868S)	Wireless Door Detector Plus

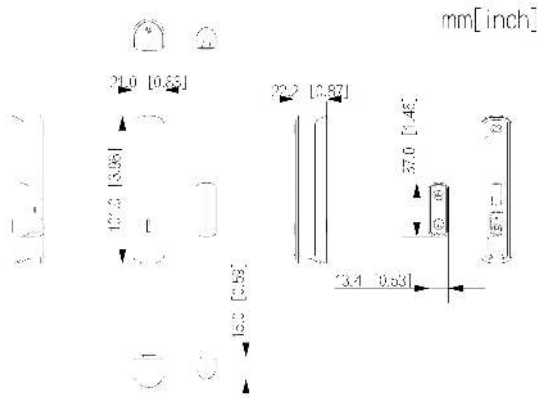
Installation



Application



Dimensions (mm[inch])



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