DHI-ARM310-W2(868)

Wireless input expander



- Six types of alarm: intrusion, medical, fire, emergency, gas, and tamper.
- NC and NO are available for alarm inputs (NO by default).
- Signal strength detection.
- Low battery alarm.
- Temperature monitoring.
- Frequency hopping function and two-way communication technology ensure communication stability.
- Cloud update and automatic recovery from update failure.

System Overview

Wireless input expander is a conversion device that connects to a detector through wired mode, and sends the message in wireless mode to the security system. It can be set up via the DMSS app for iOS and Android phones.

Scene

Mainly applied for villas, shops, apartments, etc.

Technical Specification

Port

Indicator Light	1 × green alarm indicator
Button	1 × power button
Protection Zone	1-channel dry contact input

Function

Tampering Alarm	Yes
Remote Upgrade	Cloud update
Low Battery Alarm	Yes
Test Mode	Yes
Search	Signal strength detection

Wireless

Carrier Frequency	868.0 MHz–868.6 MHz
Communication Distance	Up to 1,200 m (3,937.01 ft) in an open space
Communication Mechanism	Two-way
Frequency Hopping	Yes
Encryption Mode	AES128

General

Power Supply Mode	CR123A battery
Power Consumption	Max. 125 mW
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F) (indoor)
Operating Humidity	10%–90% (RH)
Dimensions	100.2mm × 20.8mm × 20.3mm (3.94" × 0.82" ×0.80")
Package Dimensions	135.0 mm × 98.5 mm × 27.8mm (5.31" × 3.88" × 1.09")
Installation Mode	Bracket mount
Net Weight	70 g (0.15 lb)
Gross Weight	115 g (0.25 lb)
Certification	CE
Battery Life	4 years (The external input type is NO) 2 years (The external input type is NC or Pulse)
Casing Material	PC + ABS

Temperature

Measurement Range	–15 °C to +65 °C (+5 °F to +149 °F) (indoor)
Measurement Precision	±1 °C (±1.8 °F)
Resolution	1 °C (33.8 °F)

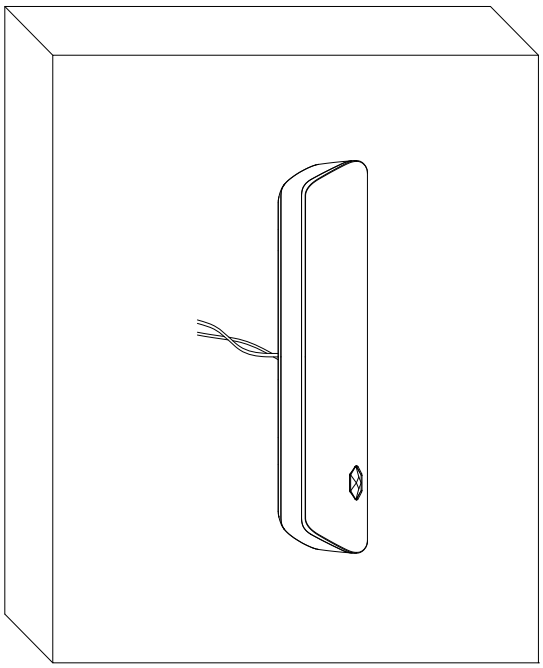
Ordering Information

Type	Part Number	Description
Wireless input expander	DHI-ARM310-W2(868)	Single input transmitter

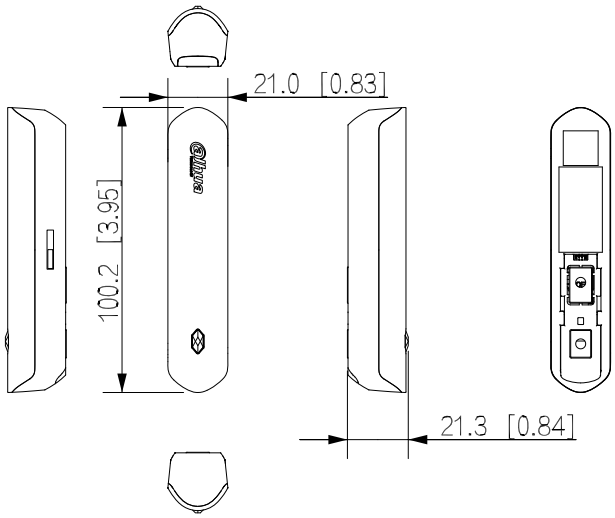
Application



Installation



Dimensions (mm[inch])



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