

# DHI-ARM7011-W2(868)

Dahua Wireless Relay



- Frequency hopping and two-way communication technology ensure that communication is stable.
- Supports jamming detection and communication encryption.
- Supports cloud update and automatically restores when cloud update fails.
- Overheating protection.
- Voltage detection.
- 1 channel external tamper input.

## System Overview

Relay is a dry contact device that is used to remotely control 0–36 VDC power. The dry contact of the relay is electrically isolated from the power supply circuit of the device. Relay can be used in low-voltage to control the supply of power to other devices. The device comes with overvoltage protection and overheating protection.

## Technical Specification

### Port

|              |                             |
|--------------|-----------------------------|
| Alarm Input  | 1 for tamper, NO/NC         |
| Relay Output | 1, NO/NC (0–36 VDC, Max 5A) |

### Function

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Indicator Light | 1 for multiple statuses (pairing, communication) |
| Button          | 1                                                |
| Remote Update   | Cloud update                                     |

### Technical

|           |     |
|-----------|-----|
| Test Mode | Yes |
|-----------|-----|

### Wireless

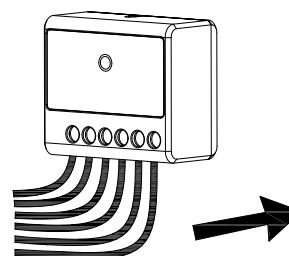
|                          |                                   |
|--------------------------|-----------------------------------|
| Carrier Frequency        | 868.0 MHz–868.6 MHz               |
| Transmitter Power (EIRP) | Limit 25 mW                       |
| Communication Mechanism  | Two-way                           |
| Communication Distance   | 1200 m (3937.01 ft) in open areas |
| Encryption Mode          | AES128                            |
| Frequency Hopping        | Yes                               |

### General

|              |          |
|--------------|----------|
| Power Supply | 7–24 VDC |
|--------------|----------|

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Operating Temperature | –10 °C to +55 °C (+14 °F to +131 °F) (indoor)     |
| Operating Humidity    | 10%–90% (RH)                                      |
| Storage Temperature   | –10 °C to +55 °C (+14 °F to +131 °F)              |
| Storage Humidity      | 10%–90% (RH)                                      |
| Product Dimensions    | 39 mm × 33 mm × 19 mm (1.54" × 1.30" × 0.75")     |
| Packaging Dimensions  | 95 mm × 59.5 mm × 30.5 mm (3.74" × 2.34" × 1.20") |
| Net Weight            | 45 g (0.10 lb)                                    |
| Gross Weight          | 60 g (0.13 lb)                                    |
| Installation          | Wall mount                                        |
| Casing Material       | PC + ABS                                          |
| Certifications        | CE                                                |

## Installation



Dimensions (mm[inch])

Application

