DHI-HY-MO5MA-R8

Wireless Interconnected Relay Module

- Up to 24 alarms Wired Interconnection
- 9V Rechargeable Lithium Battery For Backup
- One Volt-free Alarm Signal Input
- 250V AC, 5A Resistive Output Contact Rating

System Overview

The Wireless Interconnected Relay Module is designed to enable ad hoc networking with Wisualarm wireless interconnection devices, supporting the interconnection of up to 24 devices. In conjuction with the Wisualarm wireless gateway, this module facilitates wireless interconnection and provides real-time notifications via the Wisualarm application.

The relay features a dry contact input that can receive alarm outputs from other devices. However, the alarm output signal from these devices must be processed in a quarantine state, as it is a passive signal.

With normally open (NO) and normally closed (NC) output contacts, it allows the alarm device to activate and differentiate between smoke, heat, and carbon monoxide (CO) alarm signals.

The module operates on AC mains power ranging from 100V to 250V and is equipped with a built-in rechargeable lithium battery backup to ensure operation in the event of a mains power failure.

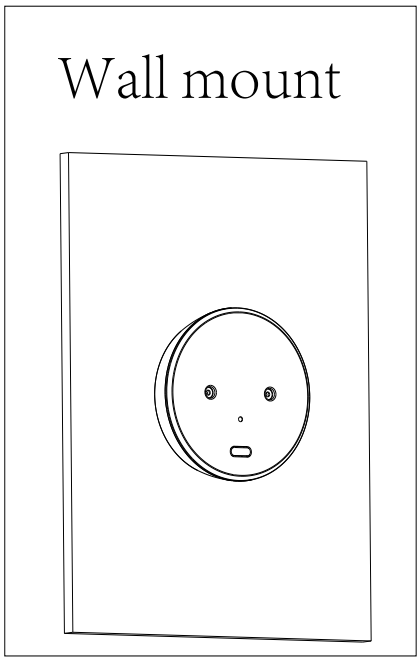
Technical Specification

Power Supply	AC 100-250V
Battery Back-up	9V Lithium rechargeable (non-replaceable)
Operating Temperature	-10°C to +50°C (+14°F to +122°F)
Operating Humidity	≤95% RH (non condensing)
RF Frequency	868MHz
RF Range	Up to 1000 m in open, interference-free area
Contact Rating	AC 250V, 5A resistive, Continuous or Pulse mode
Output	2 volt free contacts (NO/NC)
Input	1 dry contact input
Maximum Number of Interconnected Units	24
Standby Power Consumption	20μA
Battery Life	700 hours without alarm when the battery is fully charged
Dimensions	Φ144.4mm × 36.4mm (Φ5.69" × 1.43")
Weight	232 g (Packaging is not included)
Certification	CE

Ordering Information

Type	Model	Description
Wireless Interconnected Relay Module	DHI-HY-MO5MA-R8	Wireless Interconnected Relay Module

Installation



Dimensions (mm/inch)