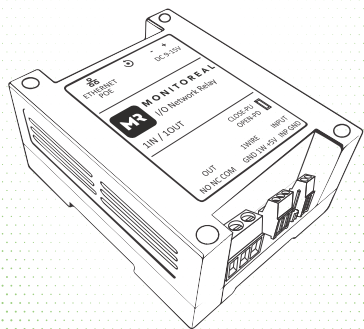# MONITOREAL
## I/O Network Relay
### 1/1 Channels

# Quick Start Guide

Discover Peace of Mind

## Overview

The new Network I/O Relay is designed to switch electrical loads using a single electromagnetic relay that can be controlled remotely using a command from the Monitoreal Security Assistant (MRSA) web user interface.

The device is powered on:
- AC 90 ~ 240V (AC version)
- PoE IEEE 802.3af class 1, AUX input 9 to 15 V DC (POE version)

The I/O Network Relay uses Ethernet or Wi-Fi connection for communication with Monitoreal Security Assistant (MRSA)

Remote control and monitoring of the device is also carried out by MRSA. It also has one logical input to enable integrations with alarm control panels and similar devices.

## Box contents
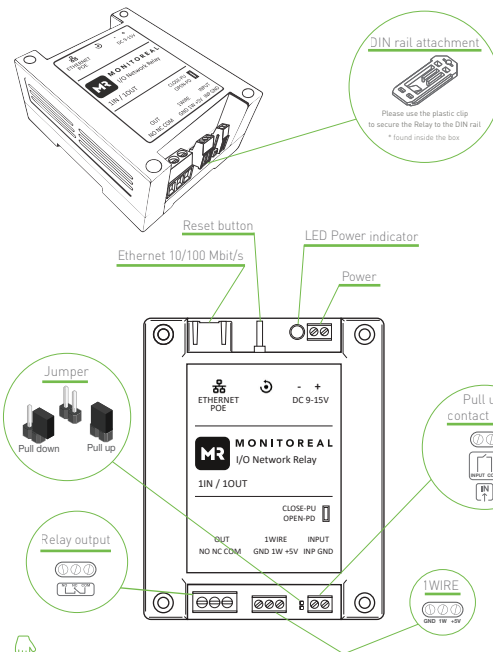
▶ Monitoreal I/O Network Relay        ▶ Quick start guide

## Compatible with

▶ Monitoreal Security Assistant

## Important safety information

▶ Handle the device with care.
▶ Do not strike or shake this device.
▶ Do not use this device near any heat sources such as radiators, heat registers, stoves, or other such heat-generating equipment.
▶ Do not open.
▶ Always clean this device with dry cloth. Do not use strong or abrasive detergents when cleaning the device, especially the top cover.
▶ If dirt is hard to remove, use a mild detergent and wipe gently

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## Your new Monitoreal I/O Network Relay



DIN rail attachment

Please use the plastic clip to secure the Relay to the DIN rail
* found inside the box

Reset button
Ethernet 10/100 Mbit/s
LED Power indicator
Power
Jumper
Pull down    Pull up
Pull up contact input
Relay output
1WIRE

For additional information please check the FAQ's at https://monitoreal.com/support/

If you still need assistance then please contact our support team via email: support@monitoreal.com or via the support chat at https://monitoreal.com/support/

## Hardware specifications

| Type | Description |
|---|---|
| Model: | I/O Network Relay 1/1 |
| Dimensions (mm): | 70x90x40 |
| Weight (g): | 110 |
| Case material: | Plastic |
| Level of enclosure protection: | IP30 |
| Method of installation: | DIN-RAIL 35mm (TS35/7.5 OR TS35/15) |
| Available case colour: | Black |
| Power: | 90-240AC (AC version) |
| | PoE IEEE 802.3af class 1, AUX input 9 to 15 V DC (POE version) |
| Control relay: | Number of switching channels: 1 |
| | Maximum load on the relay: 10A at 250VAC, 6A at 30VDC, 3A at 40VDC |
| | Type of contact: dry contact COM-NC/NO |
| | Connector/wire cross section: screw terminal block/30~16AWG (0.05~1.5mm2) |
| Inputs: | Number of inputs: 1 |
| | Input type: pull up +5V, pull down |
| Controls: | Connector/wire cross section: screw terminal block/30~16AWG (0.05~1.5mm) |
| | Reset buttons for channel control. Press and hold the button to reset the Relay to the factory settings. |
| Connectivity: | 2.4GHz 802.11 b/g/n (802.11n up to 150 Mbps) wireless LAN |
| | Ethernet 10/100 Mbit/s (default setting) |
| Operating Conditions: | Temperature: -10° ~ +40°C (14° F - 104° F) |
| | 10% – 90% RH. Indoor use only |

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## Contacts

Use the QR code below to access the software setup page on monitoreal.com and follow the step-by-step guide.



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