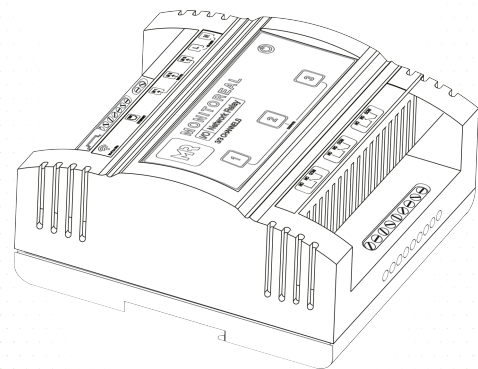# MONITOREAL
I/O Network Relay

Quick Start Guide

Discover Peace of Mind

Overview

The new I/O Network Relay is designed for switching electrical loads by means of three independent electromagnetic relays, all of which can be controlled remotely by 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 2, 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 the MRSA. It also has three logical inputs to enable integrations with alarm control panels and other similar devices.

Box contents

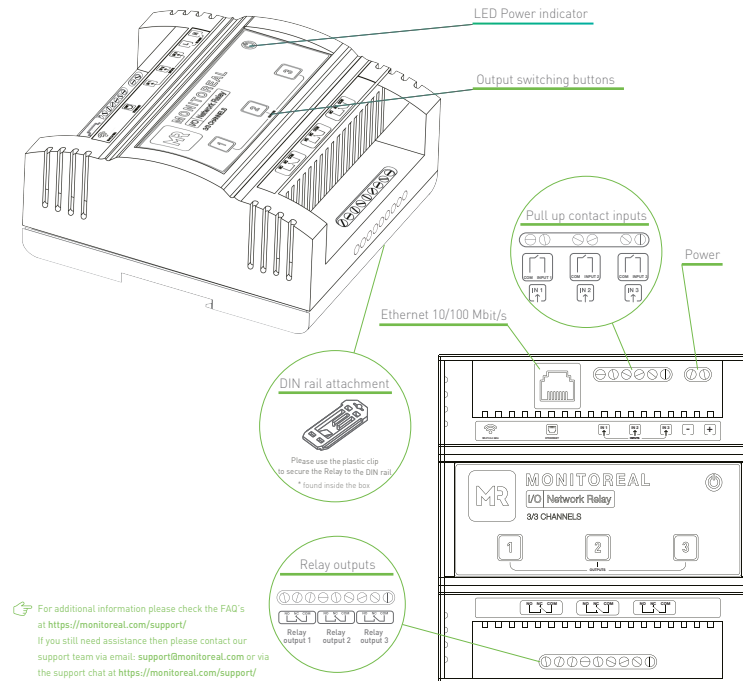‣ Monitoreal I/O Network Relay   ‣ Quick start guide

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.

Questions?   Email: support@monitoreal.com

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Your new Monitoreal I/O Network Relay

LED Power indicator

Output switching buttons

Pull up contact inputs

Power

Ethernet 10/100 Mbit/s

DIN rail attachment

Please use the plastic clip to secure the Relay to Pin DIN rail. Spool inside the box

Relay outputs

Relay output 1   Relay output 2   Relay output 3

☞ 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
Dimensions (mm):	107 x 112 x 58
Weight (g):	220
Case material:	Plastic
Level of enclosure protection:	IP30
Method of installation:	DIN-RAIL 35mm (TS35/7.5 OR TS35/15)
Available case colour:	Grey
Power:	- 90–240AC (AC version)
	- PoE IEEE 802.3af class 2, AUX input 9 to 15 V DC (POE version)
	Power input: 4W or less
Control relay:	Number of independent switching channels: 3
	Maximum load on the channel: 8A 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 independent inputs: 3
	Contact type: pull up +5V
	Connection type: dry contact, open collector
	Connector/wire cross section: screw terminal block/30–16AWG (0.05–1.5mm2)
Controls:	Three buttons for channel control with relay status indication. Press and hold the OUT1 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 (currently disabled)
	Ethernet 10/100 Mbit/s
Operating Conditions:	Temperature: -10° – +40°C (14° F - 104° F) / 10% – 90% RH
	Indoor use only

Questions?   Email: support@monitoreal.com

Get Started

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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3   4