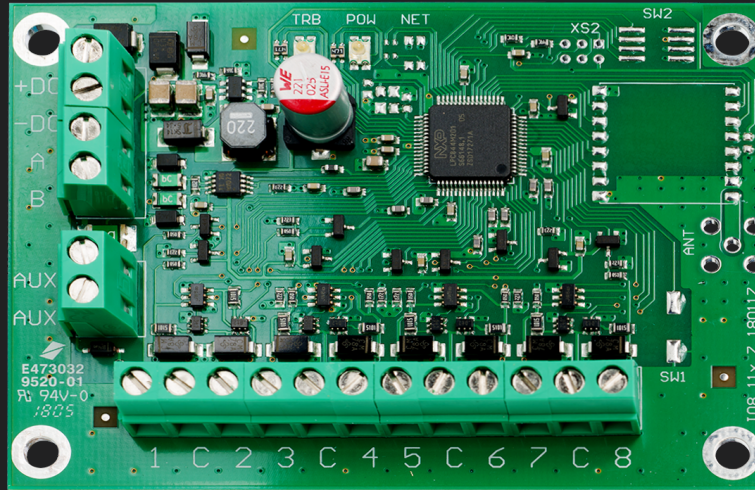




iO8 I/O Expander

INSTALLATION MANUAL

2019

Changes	Version	Date
Document Creation	1.0	14.03.2019

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Safety requirements

The device should be installed and maintained by qualified personnel.

Prior to installation, please read this manual carefully in order to avoid mistakes that can lead to malfunction or even damage to the equipment.

Disconnect the power supply before making any electrical connections.

Changes, modifications or repairs not authorized by the manufacturer shall void your rights under the warranty.



Please act according to your local rules and do not dispose of your unusable alarm system or its components with other household waste.

1 DESCRIPTION

iO8 Input/Output expander

With the iO8 expander you can increase the number of inputs and outputs on a compatible Radionet device.

iO8 has 8 contacts, which can be set to either input or output mode.

1.1 Features

iO8 Features

- Eight contacts, which can be set to either input or output mode

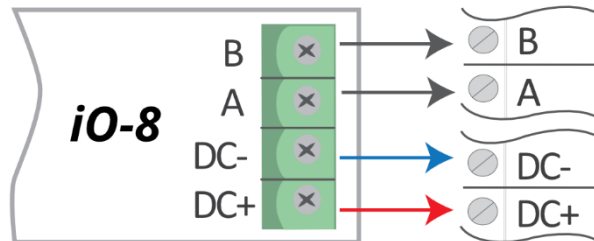
1.2 Specifications

Parameter	Description
Power supply voltage	10-18VDC
Current consumption	Up to 20mA
AUX output voltage	Up to 1A
Number of inputs/outputs	8
Input type	NC, NO, EOL
Input voltage	Up to voltage of power supply
EOL nominal resistivity	2,2k Ω or 10k Ω (depending on main Radionet device)
Output type	OC
Output voltage	0V-18V
Output current	Up to 100mA
Operating environment	From -10 °C to 55 °C, with relative air humidity 80% when +20 °C

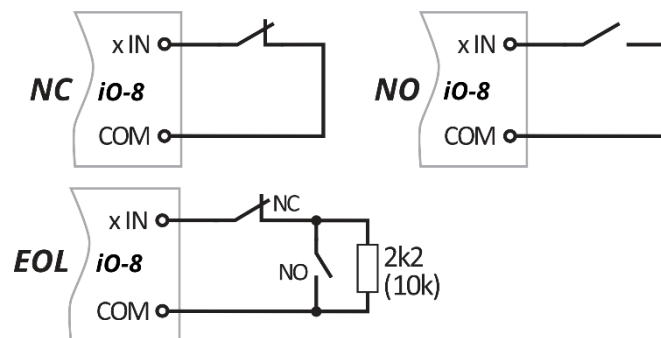
2 WIRING SCHEMATICS

Follow these steps to set up iO8

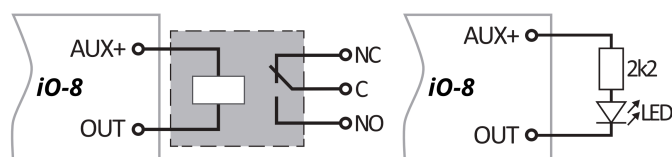
1. Wire iO8 to a compatible Radionet device as shown:



2. Wire inputs as shown:



3. Wire outputs as shown:



CUSTOMER SUPPORT

If you are unable to find what you're looking for in this document, then please contact us through one of our support channels below.

Customer Care & Support	
	admin@radionetmonitoring.co.nz aaron@radionetmonitoring.co.nz

For urgent support issues, please phone **0800 WIREFREE (0800 9473 3733)**