



EIO-3148 Network Based IO Expander

Features

- The EIO3148 has 8 inputs and 4 outputs.
- The inputs are surge protected in compliance with the IEC/EN 61000-4-5 (1kV L-L, 2kV L-PE) standards.
- Class 4 PoE+ (15 W). It can also use a stand alone power source.
- Backwards compatible with CathexisVision 2015 and earlier, where it will function as an EIO1148.

The EIO-3148 network base IO expander device enables comprehensive access and control of remote in/output relays over an Ethernet network. In applications where an Ethernet network already exists, this is a significant cost-saver as it does away with the requirement for cabling. Through the CathexisVision software control, opening and closing of integrated relay contacts can be incorporated into any response of a critical event.

Ordering information

EIO-3148 Network Based IO expander

Specifications

Ethernet interface	1
Ethernet specification	Class 4 PoE+ (15 W) IEE 802.3u
Relay (non-polarised) outputs	4 Isolated Outputs (NO and NC contacts).
Opto-isolated inputs	8
Input Interface	Isolated inputs sense contact open or closed.
Input isolation	2500 V rms for 1 minute, per UL 1577
Contact rating	60VDC 125VAC
Max carrying current	Contact Rating (Res. load): 0.5A/125VAC, 1A/30VDC, 0.3A/60VDC
Max switching power	30W 62.5VA
Max switching voltage	See Contact Rating
Contact material	Ag Au clad, AgNi Au clad

Power Consumption	5 Watts
Supply Voltage	9-36V DC and is protected against the application of incorrect polarity.
Software	CathexisVision 2016. Backwards compatible with previous releases that support the EIO1148 (on which it will function as an EIO1148).
Physical dimensions	145x107x28 (w x l x h)
Mounting options	Flanges with 2x slotted mounting holes, and DIN rail mounting option.
Enclosure / Environment	High temperature, ROHS compliant, plastic housing. The enclosure is not waterproof, and should only be installed indoors.
Maximum EIOs per NVR	32