

Product Description

Remote IO is part of Netix portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration.

Remote IO allows the NCUNIVIEW to interface directly with simple nonintelligent inputs and outputs remotely located up to 4,000 feet from the NCUNIVIEW. The connection is established via an industry-standard RS 485 multi-drop communications bus. Multiple IO R devices can be utilized on a single NCUNIVIEW, providing 250+ IO points on a single NCUNIVIEW.

IO-R-16

- ▶ 8 Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor
- ▶ 4 Relay outputs: (Form A contacts, 24VAC @ .5 amp rated)
- ▶ 4 Analog outputs (0-10VDC)
- ▶ Powered from IO-34
- ▶ Connected to NCUNIVIEW remotely over a shielded RS485 bus

IO-R-34

- ▶ 16 Universal inputs: Type 3 (10k) thermistors, 0-100K ohm, 0-10VDC, 0-20 mA with external resistor
- ▶ 10 Relay outputs: (Form A contacts, 24VAC @ .5 amp rated)
- ▶ 8 Analog outputs (0-10VDC)
- ▶ Can Power up to 4 IO-16

Dimension

IO-R-16: 82.5mm (w) x 116mm (h) x 61mm (d) (3.25 in x 4.5 in x 2.4 in)
IO-R-34: 162mm (w) x 116mm (h) x 61mm (d) (6.8 in x 4.5 in x 2.4 in)

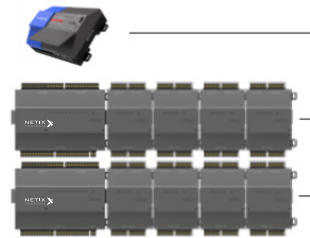
Mounting

The IO modules support mounting on EN50022 standard 7.5mm x 35mm DIN rail or panel mounting.

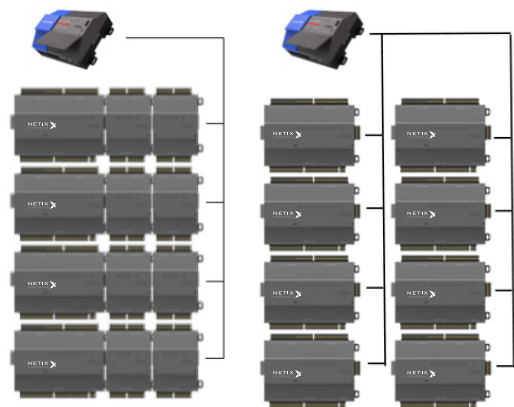
Expandable Architecture

Common Configurations:

- a. Maximum configuration for 2 panels
- b. Maximum configuration for 4 panels
- c. Maximum configuration for 8 panels



a. For 2 Panels



b. For 4 Panels

c. For 8 Panels

Technical Information

Expandability	(8) IO-34s or (16) IO-16s
Power	One IO-34 can power four IO-16 modules
Environmental Specifications	<p>Operating temperature: -20-60°C</p> <p>Storage temperature: -40-85°C</p> <p>Humidity: 5%-95% - Non Condensing</p> <p>Shipping & vibration: ASTM D4169, Assurance Level II</p> <p>MTTF: 10 years+</p>
Agency Certifications	<ul style="list-style-type: none"> ▶ UL 916 ▶ C-UL ▶ CE EN 61326-1:2013 ▶ RCM ▶ FCC part 15, class b ▶ RoHS2 ▶ REACH ▶ WEEE ▶ China ROHS ▶ Open Energy Management Class 2

Order Codes

IO-R-16	NRIO module with 8 Universal Inputs, 4 Relay Outputs, 4 Analog Outputs
IO-R-34	NRIO module with 16 Universal Inputs, 10 Relay Outputs, 8 Analog Outputs.
PMD2VA	90-240Vac to 15Vdc DIN rail mounting PSU 20VA.
PME3VA	90-240Vac to 15Vdc DIN rail mounting PSU 30VA.