

JACE 8000 IO R

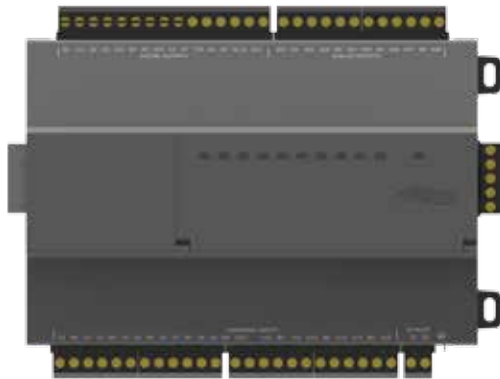
PRODUCT DEFINITION

IO R is part of VYKON's portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration. IO R allows the JACE® 8000 to interface directly with simple non-intelligent inputs and outputs remotely located up to 4,000 feet from the JACE. The connection is established via an industry-standard RS 485 multi-drop communications bus. Multiple IO R devices can be utilized on a single JACE, providing 250+ IO points on a single JACE.

IO-R-16



IO-R-34



SPECIFICATIONS

Niagara 4 – Requires Niagara 4.3 or later

Niagara AX – Requires Niagara 3.8u3 or later

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-R-34

Connected to JACE 8000 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)

Powered from a 24VAC/DC source

Can power up to 4 IO-R-16 modules

Connected to JACE 8000 remotely over a shielded RS485 bus

powered by

niagara
framework®

EXPANDABILITY

MAXIMUM EXPANSION

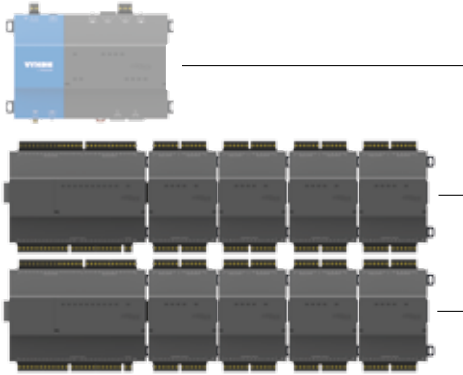
- (8) IO-R-34s
or
- (16) IO-R-16s

POWER

One IO-R-34 can power four IO-R-16 modules

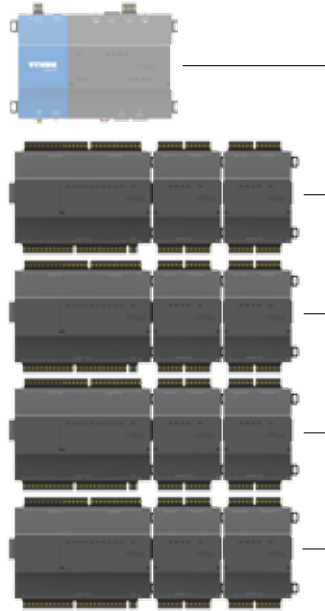
COMMON CONFIGURATIONS

Maximum configuration
for 2 panels

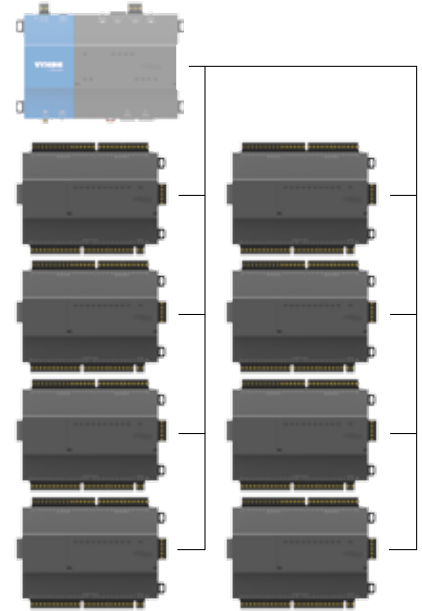


Shown with maximum of 4 IO-R-16s
per IO-R-34

Maximum configuration
for 4 panels



Maximum configuration
for 8 panels



AGENCY CERTIFICATIONS

- 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

ENVIRONMENTAL SPECIFICATIONS

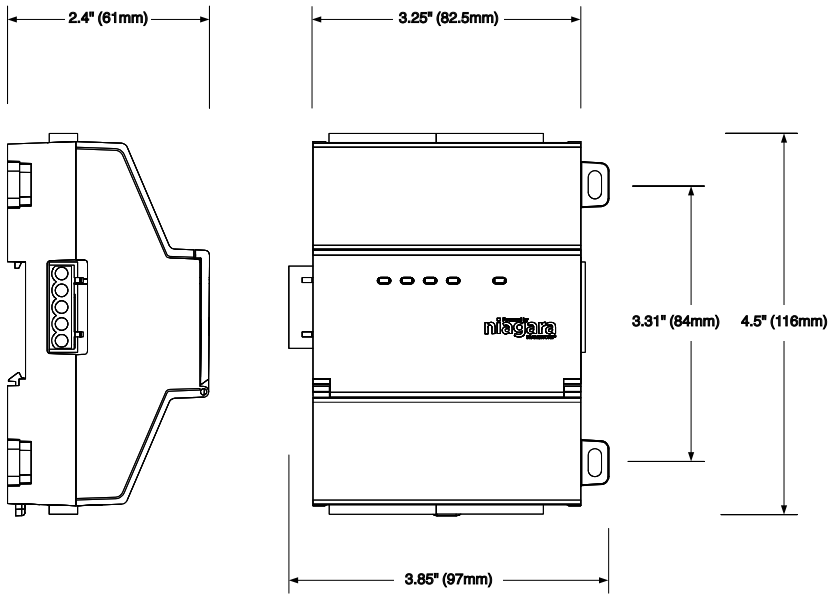
- **Operating temperature:** -20-60°C
- **Storage temperature:** -40-85°C
- **Humidity:** 5%-95% — Non condensing
- **Shipping & vibration:** ASTM D4169, Assurance Level II
- **MTTF:** 10 years+

MOUNTING & DIMENSIONS

The JACE 8000 IO modules support mounting on EN50022 standard 7.5mm x 35mm DIN rail or panel mounting.

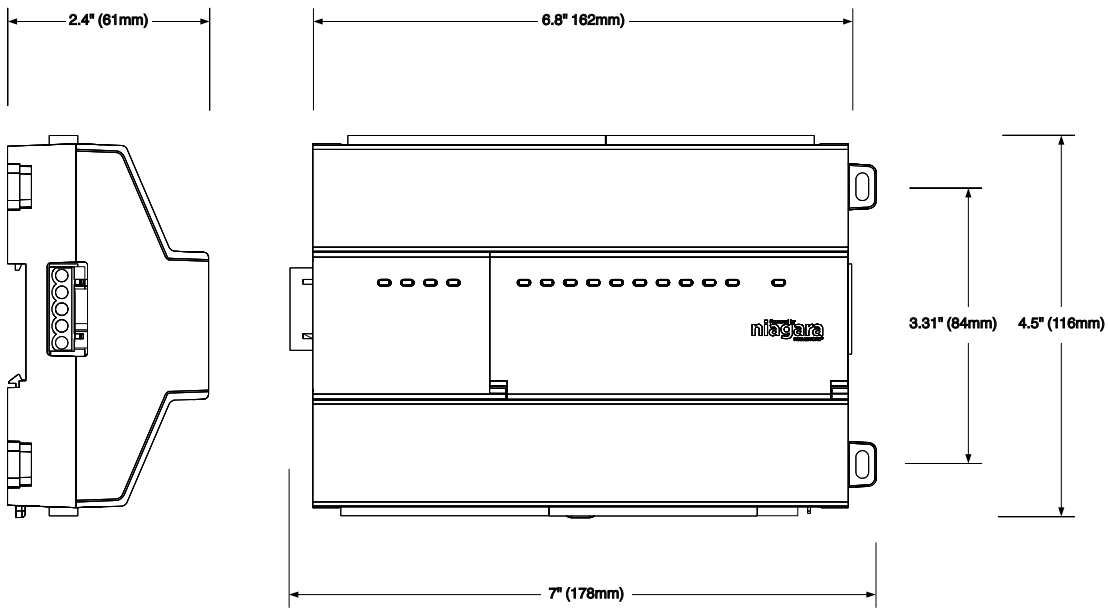
IO-R-16

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)

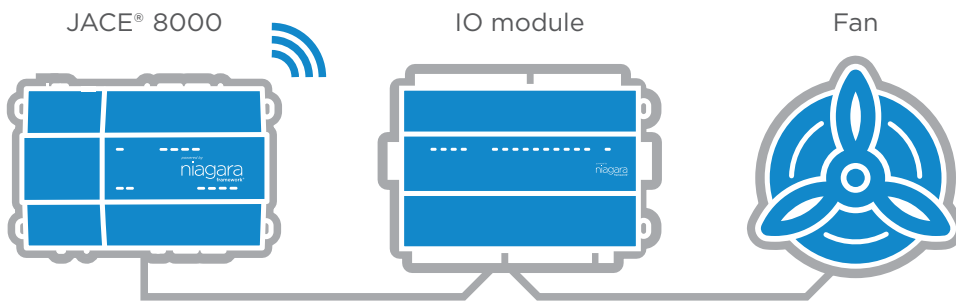




ORDERING INFORMATION

Part number	Description
IO-R-16	16 Point IO Module. Powered by IO-R-34. Connected to JACE® 8000 remotely over RS485.
IO-R-34	34 Point IO Module. Powered by 24VAC. Capable of powering 4 IO-R-16 modules. Connected to JACE 8000 remotely over RS485.

NIAGARA FOR REMOTE MONITORING APPLICATIONS



To learn more about how to purchase, install and start using the JACE 8000 IO R, contact your VYKON partner. The global community of certified Niagara professionals can serve your unique business needs across any industry or geographic region.



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