

### OVERVIEW

The IO-R-16 is part of a portfolio of hardware, software and tools designed for remote monitoring and control applications that enables end-to-end automation and device-to-enterprise integration.

The IO-R-16 expands JACE applications to include remote inputs and outputs located up to 4,000 feet away.

The connection uses an industry standard RS-485 multi-drop communications bus. Up to sixteen (16) IO-R485 devices can be used simultaneously, providing more than 250 IO points on a single JACE.

### FEATURES

- 8 Universal Inputs - Type 3 (10k) Thermistors, 0-100K ohm, 0-10 VDC, 0-20 mA with external resistor
- 4 relay outputs (Form A contacts, 24 VAC @ 0.5 amp rated)
- 4 analog outputs (0-10 VDC)
- External 24 VAC/VDC power supply
- DIN rail or surface mounting

### SPECIFICATIONS

#### Inputs

- 8 Universal Inputs - Type 3 (10k) Thermistors, 0-100K ohms, 0-10 VDC, 0-20 mA with external resistor

#### Outputs

- 4 relay outputs (Form A contacts, 24 VAC @ 0.5 amp rated)
- 4 analog outputs (0-10 VDC)

#### Power

- Powered from an IO-R-34 remote I/O module (One IO-R-34 can power up to four IO-R-16 modules.)

#### Power Consumption

- All relay off: 0.75W
- All relays energized: 2.0W
- Refer to the 10- Installation Guide for requirements when powering the module from a JACE.



### Agency Listings

- RoHS
- UL-916
- CE

### Environmental Specifications

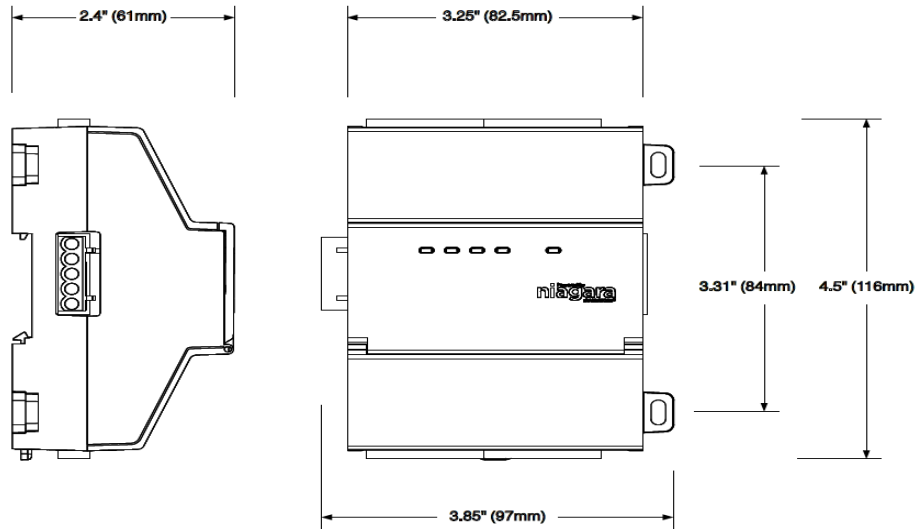
- Operating temperature: -20-60° C
- Storage temperature: -20-60° C
- Humidity: 5%-95% – Non-condensing

### Mounting

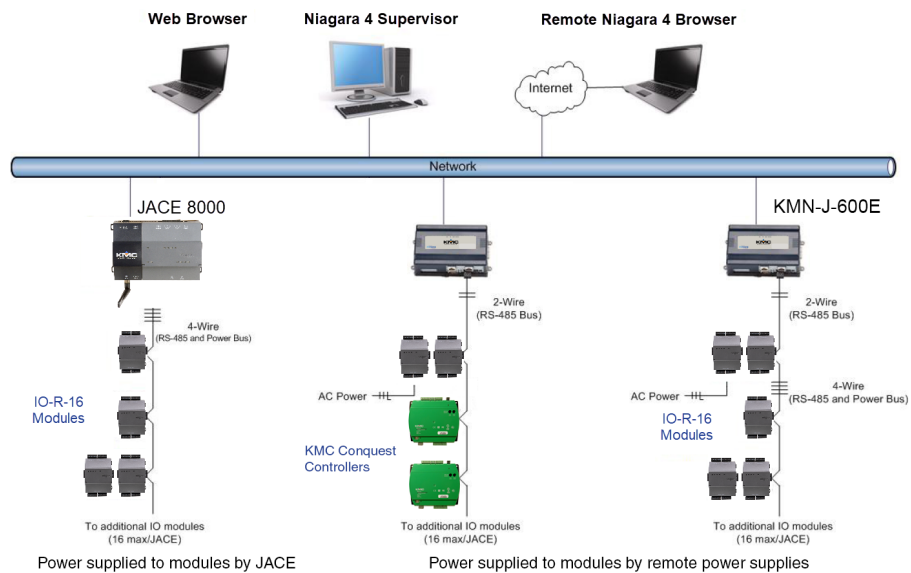
JACE 8000 and JACE 9000 IO modules support EN50022 standard 7.5 mm x 35 mm DIN rail mounting or panel mounting.

## Dimensions

82.5 mm (w) × 116 mm (h) × 61 mm (d) (3.25 in × 4.5 × 2.4 in)



## ARCHITECTURE



## ORDERING INFORMATION

MODEL/PART NUMBER	DESCRIPTION
IO-R-16	16 Point Remote IO Module

## SUPPORT

Additional resources for installation, configuration, application, operation, programming, upgrading and much more are available on the web at [www.kmccontrols.com](http://www.kmccontrols.com).

To see all available files, log-in to the KMC Partners site.

