



Lynxspring's Onyxx XM 34IO

The Onyxx XM 34IO is part of Lynxspring's Edge-to-Enterprise portfolio of hardware, software and tools designed for today's buildings, IoT environments, device-to-enterprise integrations and machine-to-machine applications.

Designed to provide maximum performance at minimum cost, the unit is completely extendable and can be configured to add additional IOs to any JENESys Edge 534 IoT Controller with up to 306 IOs or any JENESys Edge 100 Controller.

The Onyxx XM 34IO has 34 points and native Onyxx and extends the IO for any device that has an Onyxx network.

Various combinations of the Onyxx XM 34IO and Onyxx XM 34IO-B can further extend the JENESys Edge 100 to 272 IO and the JENESys Edge 534 to 306 IO.

Onyxx[®] XM 34IO Features

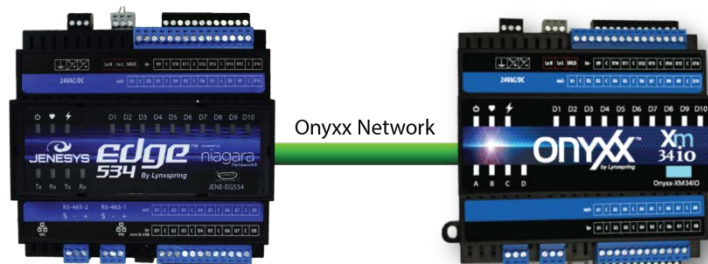
- ✓ Can be used with a JENESys[®] Edge[™] 534 and Onyxx XM 34IO-B
- ✓ Extremely compact, modular design allows flexibility/versatility in various combinations of IO
- ✓ Extends 34 points to an Onyxx-capable device
- ✓ 34 Points of Inputs/Outputs
- ✓ Add to an Onyxx XM 34IO-B or a JENESys Edge 534, up to 8 additional extender modules (at 34 points of IO each) for a maximum of 306 points
- ✓ Small unit footprint (4.5" x 4.25" x 2.25")
- ✓ Low power

Specifications

- ✓ 10 Digital Outputs
- ✓ 8 Analog Outputs
- ✓ 16 Universal Inputs
- ✓ Input mode setting per Universal Input (resistance, voltage, current, pulse, etc.)
- ✓ Micro USB (1), Onyxx Network
- ✓ Wired 24 Vac/dc
- ✓ 35 mm DIN rail or flat panel mounting

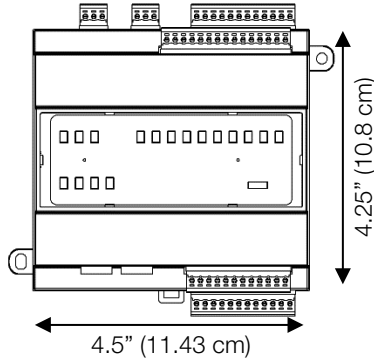
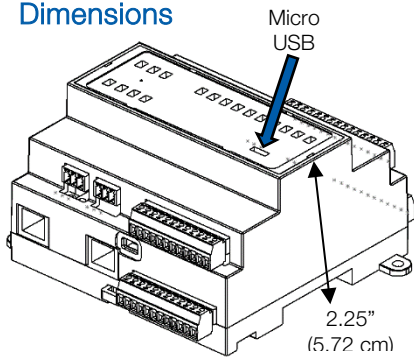
Use Cases

- ✓ Additional IO for a JENESys Edge 534
- ✓ The Onyxx Network supports Onyxx XM 34IO Modules



Note: Add to a JENE-EG534 (or an Onyxx XM 34IO-B), up to 8 additional Onyxx-XM34IO extender modules (at 34 points of IO each) for a

Dimensions



Specifications

PLATFORM

Operating System Helixx[®] Framework by Lynxspring[®]

COMMUNICATION PORTS

Micro USB Serial shell access
 Onyx Network 3-wire (LxH LxL SHLD) high-speed differential serial signal

INPUTS AND OUTPUTS

16 Universal Inputs Type-3 10 K ohm thermistors; resistance 0-100 K ohms; 0-10 Vdc; 0-20 mA using a 499 ohm resistor; pulse input: up to 500 Hz
 10 Digital Outputs Form A contacts, 24 V at 0.5 A
 8 Analog Outputs 0-10 Vdc
 Connector Screw Size 3/32" slotted
 Supported Wire Size 16-28 AWG
 Housing UL94V-0

POWER

Power Input External 24 Vac/dc power supply, minimum 10 VA/module

CHASSIS

Construction Base: Plastic, DIN rail or screw mount Cover: Plastic
 Cooling Internal air convection
 Dimensions 4.5" (11.43 cm) width x 4.25" (10.8 cm) length X 2.25" (5.72 cm) depth
 Mounting Flat panel and 35 mm DIN rail mounting options standard
 Recommended maximum cable length: 30 feet

ENVIRONMENT

Operating Temperature Range 0 – 60 °C (32 –140 °F)
 Storage Temperature Range 0 – 70 °C (32 –158 °F)
 Relative Humidity Range 5 – 95% RH, non-condensing

CERTIFICATIONS

Compliance Approved: FCC 47CFR Parts 15B and 18, EN 55022, EN 55011, ICES-003, RoHS
 In Process: UL 916, CSA C22.2 No. 205-12, EN 61010-1: 2010, IEC 61010-1, 3rd edition

WEIGHT

Onyx-XM34IO with cables 0.9 pounds
 Product and Packaging 1.6 pounds

Ordering Information

PART NUMBER(S)

Onyx-XM34IO

DESCRIPTION

Packaging will include one (1) Onyx XM 34IO Extender Module

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