ONYXX®
BY LYNXSPRING

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, 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

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

Use Cases

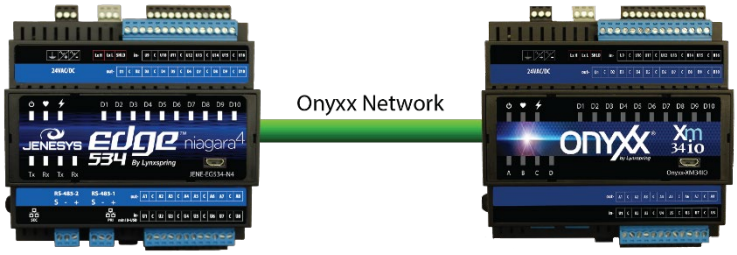
- ✓ Additional IO for a JENEsys Edge 534
- ✓ The Onyxx Network supports Onyxx XM 34IO Modules

Onyxx® XM 34IO Features

- ✓ Can be used with a JENEsys® Edge™ 534
- ✓ 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 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



Note: Add to a JENE-EG534, up to 8 additional Onyxx-XM34IO extender modules (at 34 points of IO each) for a maximum of 306 points.

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LYNXSPRING®
www.lynxspring.com

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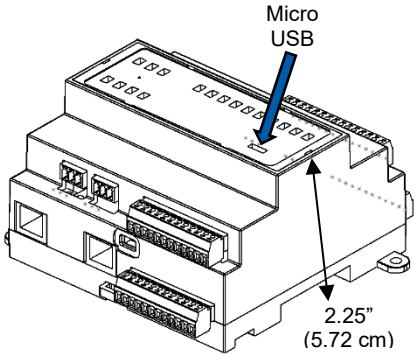
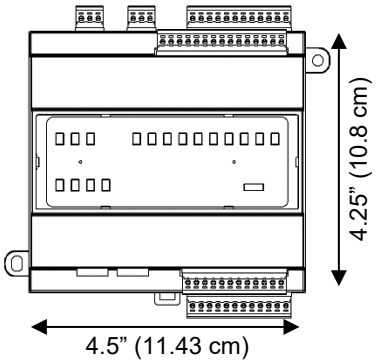
Onyxx-XM34IO-DS-V1.6

Made in USA

Onyxx® XM 34IO
PRODUCT DATA SHEET

Dimensions





Specifications

PLATFORM	
Operating System	Helixx® Framework by Lynxspring®
COMMUNICATION PORTS	
Micro USB	Serial shell access
Onyxx 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; 12 bit A/D resolution
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, UL 916, CSA C22.2 No. 205-17, EN 61010-1: 2010, IEC 61010-1, 3rd edition
WEIGHT	
Onyxx-XM34IO with cables	0.9 pounds
Product and Packaging	1.6 pounds

Ordering Information

PART NUMBER(S)	DESCRIPTION
Onyxx-XM34IO	Packaging will include one (1) Onyxx XM 34IO Extender Module

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