

# ioLogik E4200

*Active Ethernet network adaptor- slice form factor, high density modular I/O*



- > Supports up to 16 I/O modules (up to 256 DI/O points, up to 64 AI/O points)
- > Dual Ethernet LAN, and one RS-232 port
- > Front-end intelligence that supports 80 Click&Go rules
- > Unicode Active Messaging with real-time stamp, including SMS, SNMP Trap with I/O status, TCP, email
- > Built-in web console
- > PC utility: Auto detection of installed modules
- > Library supported

The certification logos shown here apply to some or all of the products in this section. For details, see "Regulatory Approvals" under "Specifications" below.



## Introduction

The ioLogik E4200 is suitable for remote monitoring and alarm systems, such as are used for water treatment systems, water supply systems, wastewater treatment systems, and power monitoring systems. These kinds of applications need more I/O points and a

variety of I/O types, including temperature sensors, gas detectors, and water quality detectors, all of which can benefit from the versatile mixture of I/O features supported by the ioLogik E4200.

## Specifications

### LAN

**Ethernet:** 2 x 10/100 Mbps w/ 2 MACs, 2 IPs, RJ45

**Protection:** 1.5 KV magnetic isolation

**Protocols:** Modbus/TCP, TCP/IP, UDP, DHCP, Bootp, SNMP, SNMP Trap, HTTP, SNTp

### Serial Communication

**Interface:** 1 x RS-232/485 (9-pin D-Sub, male)

**Parameters:** N, 8, 1

**Speed:** 115,200 bps

### Power Requirements

**Power Input:** 24 VDC nominal, 12 to 36 VDC

**Field power:** 24 VDC nominal, up to 30 VDC

### Physical Characteristics

**Dimension:** 45 x 99.8 x 70 mm

### Environmental Limits

**Operating Temperature:** -10 to 60°C (14 to 140°F)

**Storage Temperature:** -40 to 85°C (-40 to 185°F)

**Ambient Relative Humidity:** 5 to 95% (non-condensing)

### Regulatory Approvals

**EMI:** FCC part 15, CISPR (EN55022) Class B

#### EMS:

IEC 61000-4-2 (ESD), level 2/3

IEC 61000-4-3 (RS), level 2

IEC 61000-4-4 (EFT), level 2

IEC 61000-4-5 (Surge), level 3

IEC 61000-4-6 (CS), level 2

IEC 61000-4-8 (PM), level 1

IEC 61000-4-11 (DIP)

IEC 61000-6-2 (ESD), level 2/3

IEC 61000-6-4 (EFT), level 2

**Safety:** UL 508

**Shock:** IEC 60068-2-27

**Freefall:** IEC 60068-2-32

**Vibration:** IEC 60068-2-6

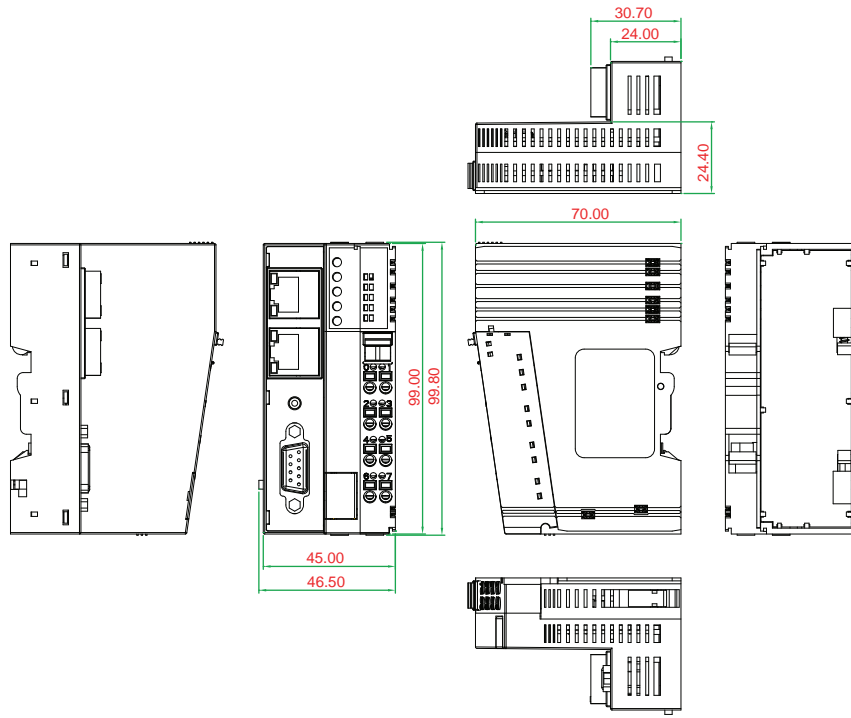
**Note:** Please check Moxa's website for the most up-to-date certification status.

### Warranty

**Warranty Period:** 2 years

**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

Dimensions (unit = mm)



Ordering Information

Step 1: Select a network adaptor module

ioLogik E4200

Step 2: Select I/O modules

M-1000/2000/3000/4000/6000 Series

Step 3: Select power modules

Power Modules M-7001/ M-7002/ M-7803/ M-7804

Note: The ioLogik E4200 Ethernet network adaptor can be expanded by adding up to 16 I/O modules. See pages ?-?? to ?-?? for product information related to the M series modules.

Available Models

ioLogik E4200: Active Ethernet network adaptor