

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



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

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)

Physical Characteristics

Dimensions (W x H x D): 45 x 99.8 x 70 mm (1.77 x 3.93 x 2.76 in)

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

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 (optional)

M-7000 Series

Note: The ioLogik E4200 Ethernet network adaptor can be expanded by adding up to 16 I/O modules.

Available Models

ioLogik E4200: Active Ethernet network adaptor