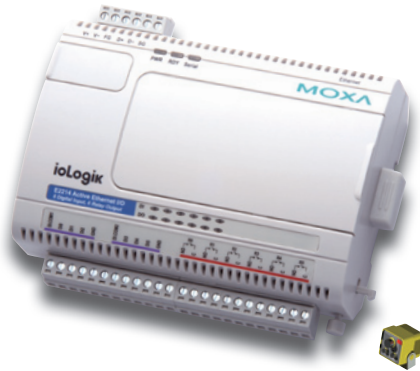


# ioLogik E2214

## Active Ethernet I/O with 6 digital inputs and 6 relay outputs



- > 6 DIs supporting PNP, NPN, and dry contact
- > 6 Form A relay outputs (Normal Open)
- > Relay specifications: 5 A @ 250 VAC, 5 A @ 30 VDC
- > Instant event messaging by TCP/UDP/email/SNMP-trap
- > DI and Relay counter saved when the power is shut off
- > PC-based configuration utility and web console
- > Power On default relay status setting with sequence
- > Easy-to-use Click&Go™ Logic for local output control
- > Windows/Wince VB/VC.NET and Linux C APIs
- > I/O control over Modbus/TCP and SNMP protocol

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

#### Remote Ethernet Relay Control

The ioLogik E2214 is a stand-alone Active Ethernet I/O product with 6 digital inputs and 6 relay outputs. The DIN-Rail mountable E2214 can be connected to digital switches, alarm lights, buzzers, and warning sirens over Ethernet and IP-based networks. The ioLogik E2214 also

records the built-in relay output usage counter. Even when a sudden power failure is encountered, the ioLogik E2214 will still be able to record the relay output usage counter in its internal memory before the power shuts down completely.

### Specifications

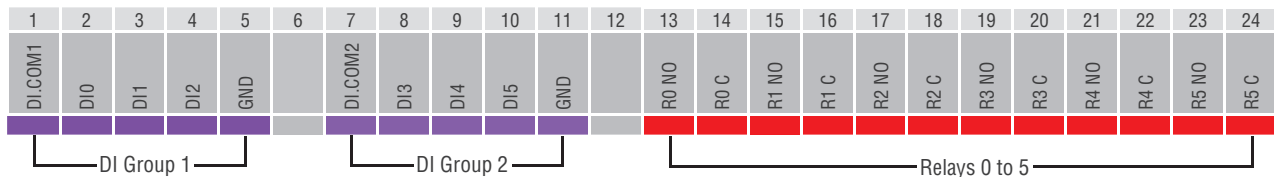
#### Digital Input

- Channels:** 6, source/sink selectable
- Sensor Type:** NPN, PNP, and Dry contact
- I/O Mode:** DI or Event Counter (up to 900 Hz)
- Dry Contact:**
  - Logic 0: short to GND
  - Logic 1: open
- Wet Contact:**(For Source Type)
  - Logic 0: 0 to 3 VDC
  - Logic 1: 10 to 30 VDC (DI COM to DI)
- Common Type:** 6 points per COM
- Isolation:** 3K VDC or 2K Vrms
- Counter/Frequency:** 900 Hz, power off storage
- Digital Filtering Time Interval:** Software selectable

- Over-voltage Protection:** 36 VDC
- Poweroff Counter Memory:** 48 bytes
- Relay Counter Saving:** Yes
- Relay Output**
  - Channels:** 6 Form A (N.O.) relay outputs, 5A
  - Contact Rating:** 5 A @ 30 VDC, 5 A @ 250 VAC, 5 A @ 110 VAC
  - Inductance Load:** 2 A
  - Resistance Load:** 5 A
  - Breakdown Voltage:** 500 VAC
  - Relay On/Off Time:** 10 ms, 5 ms (Max.)
  - Initial Insulation Resistance:** 1G min. @ 500 VDC
  - Expected Life:** 100,000 times (Typical)
  - Initial Contact Resistance:** 30 milli-ohms (Max.)
  - Pulse Output:** 0.3 Hz at rated load

### Pin Assignment

#### I/O (left to right)



### Ordering Information

- ioLogik E2214:** Active Ethernet I/O with 6 digital inputs and 6 relay outputs
- LDP1602:** LCD module with 16 x 2 text display and 5 buttons