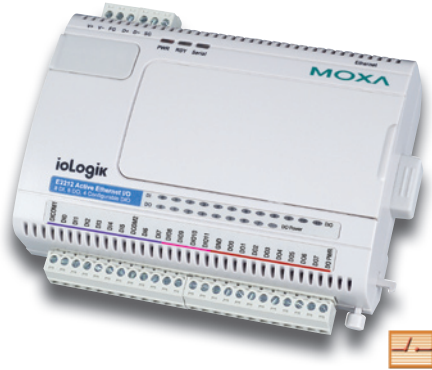


ioLogik E2212

Active Ethernet I/O with 8 digital inputs, 8 digital outputs, and 4 configurable DIO



- > Selectable digital I/O combination (by software)
- > Accepts PNP or NPN sensors
- > DI counter saved automatically when power shuts off
- > Instant event messaging by TCP/UDP/email/SNMP trap
- > Easy-to-use Click&Go™ Logic for local output control
- > PC-based configuration utility and web console
- > I/O control over Modbus/TCP and SNMP protocol
- > Windows/WinCE VB/VC.NET and Linux C APIs
- > Peer-to-Peer I/O without controller

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

Flexible Digital Input/Output Configuration

The ioLogik E2212 provides system integrators with the flexibility to handle various field demands with channels that can be configured by software for input or output operation. You can configure the I/O channels to suit your needs, for combinations such as 12-inputs/8-outputs, 8-inputs/12-outputs, or 10-inputs/10-outputs.

Single Ethernet DIO that Accepts 3 Sensor Types

Unlike traditional Ethernet I/O products, the ioLogik E2212 can connect to dry contact, PNP, and NPN sensors at the same time. You can choose the sensor type based on your wiring approach.

Specifications

Digital Input

- Channels:** 8, source/sink selectable
- Sensor Type:** 2 6-point groups for NPN/PNP type
- 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

Digital Output

- Channels:** 8, sink type, 36 VDC, 200 mA
- I/O Mode:** DO or Pulse Output (up to 100 Hz)
- Pulse Wave Width/Frequency:** 10 ms/100 Hz
- Over-voltage Protection:** 45 VDC
- Over-current Limit:** 400 mA (typical)
- Over-temperature Shutdown:** 175°C (min.)
- Output Current Rating:** Max. 200 mA per channel
- Isolation:** 2K Vrms or 3K VDC (Magnetic)

DI/DO Configurable Channels

- Channels:** 4
- I/O Mode:**
 - DI or Event Counter (up to 900 Hz)
 - DO or Pulse Output (up to 100 Hz)

Pin Assignment

I/O (left to right)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DI.COM1	DI0	DI1	DI2	DI3	DI4	DI5	DI.COM2	DI6	DI7	DI08	DI09	DI010	DI011	GND	DO0	DO1	DO2	DO3	DO4	DO5	DO6	DO7	DO.PWR

Ordering Information

- ioLogik E2212:** Active Ethernet I/O, with 8 digital inputs, 8 digital outputs, and 4 DIOs
- LDP1602:** LCD module with 16 x 2 text display and 5 buttons