IO-Link

# *IO-Link Master EIP-4*

EtherNet/IP™

## HIGHLIGHTS

- Four channel IO-Link Master to Industrial EtherNet/IP
- Modbus access to IO-Link sensor service and process data (see below)
- EtherNet/IP Class 1 and Class 3
- Rugged IP67 housing with M12 connectors for harsh environments
- DLR for fast network recovery
- Windows app and web GUI for configuration and diagnostics
- Wide operating temperature (0° to 70°C)
- LEDs for device, network and port status
- Additional digital input on every port
- Powerful web configuration
- IO-Link V1.1 compatibility
- IO-Link COM1, COM2 and COM3 support (230K throughput)
- Slim-line machine-mount installation
- Innovative QuickLinx technology


## Product Description

Comtrol's IO-Link Master EIP-4 combines the benefits of the IO-Link standard with the popular industrial EtherNet/IP protocol by providing a gateway that's a streamlined bridge between the field level sensor network and the industrial EtherNet/IP backbone, making retrofitting or expansion simple.

The IO-Link Master features a rugged IP67 slim-line design incorporating two Fast Ethernet ports and four IO-Link ports with Class A M12 connectors. This product is for industrial applications; its machine-mount design uses industrial grade components.The IO-Link Master is easily integrated into a system network, and is compatible with existing and new industrial Ethernet environments.

COMTROL®

## What is IO-Link?

IO-Link is a point-to-point serial communication protocol used to communicate with sensors and/or actuators. This increasingly deployed protocol extends the globally recognized PLC standard IEC 61131, which allows three types of data to be exchanged: process data, service data and events.

Major sensor manufacturers and industrial manufacturing companies, including Comtrol, have joined the international IO-Link Consortium to promote the IO-Link communication protocol due to its many advantages over standard I/O.

## Why IO-Link?

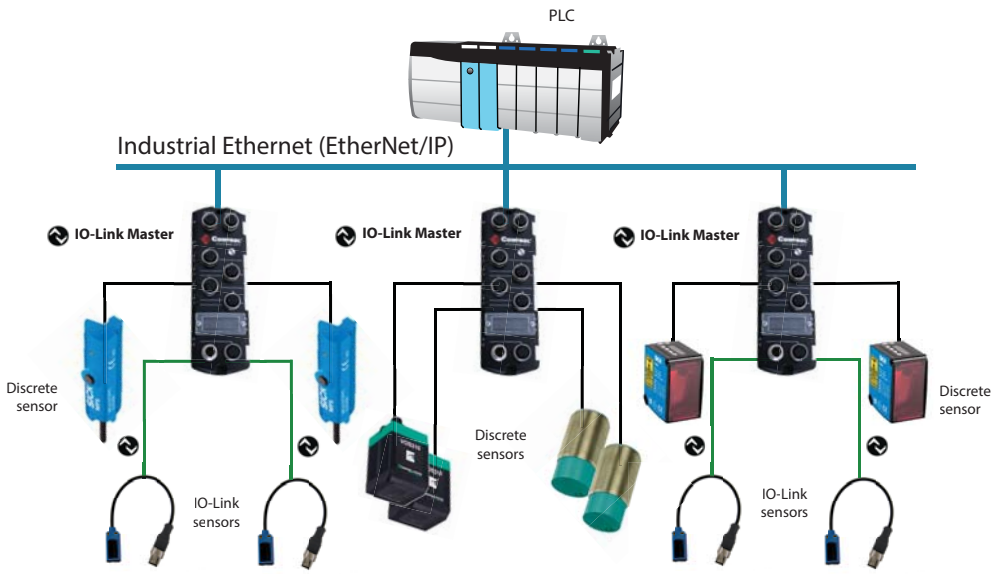
IO-Link is a powerful, yet simple protocol with wide support in the industry. There are many reasons to use IO-Link. In almost any place that a digital or analog sensor is used, an IO-Link sensor can provide the end user significantly more information, configurability and control. From installation to operation and even maintenance of an automation system, IO-Link provides clear advantages over legacy solutions.

## Why Comtrol?

Comtrol is an expert device connectivity manufacturer and provider of networking products, specializing in industrial Ethernet gateways and intelligent embedded device connectivity products. These products support a wide range of industrial, security, power utility, and traffic automation applications. The company's product lines are sold through regional, national & international distributors and by thousands of resellers & integrators worldwide.

Comtrol has a proven record of innovation. The company invented the first multi-port serial controller card for the PC in the early 1980's and has consistently been first to market many other high-performance connectivity products that have been widely adopted by the data and network communications industries. Comtrol has been manufacturing EtherNet/IP gateways from their introduction and has pioneered many innovative solutions. As a North American company, Comtrol is intently aware of the importance of implementing the EtherNet/IP protocol in a powerful and easy to use manner. As a member of the IO-Link consortium, Comtrol is in a unique position to integrate the strengths of both protocols.

### IO-Link Master common configuration networking diagram

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