TEConcept

Use **IO-Link**
Universal · Smart · Easy

4-Port Ethernet IO-Link Master

Overview

Discover the power of our 4-Port **Ethernet** IO-Link Master, focusing on Industry 4.0 IIoT (Industrial IoT) integration of IO-Link Devices. The Ethernet-based communication interface makes it easy to talk to IO-Link Devices via the Master unit without any field bus.

An integrated JSON interface which follows the "JSON Integration for IO-Link" specification makes it possible to connect to IO-Link Devices from any software application that supports the JSON data format. The Device **parameters** and **process data** are accessible via JSON data units which considerably simplifies configuration, data acquisition and even diagnostic tasks.

All third-party parameterization and configuration tools which implement the JSON Integration are supported. However, TEConcept's well established IO-Link Control Tool can still be used to access the 4-Port Ethernet IO-Link Master.

An integrated web GUI offers a convenient interface for:

- IO-Link gateway / Network configuration
- IO-Link Port configuration
- IO-Link Device configuration
- IODD-less ISDU parameterization
- Basic security settings
- SNTP time synchronization

Deliverables

- 4-Port Ethernet master
- IO-Link Control Tool

Features

- IO-Link V1.1.3 compatible Master
- Ethernet/TCP-IP interface
- DHCP or static IP address configuration
- Standardized JSON mapping
- Node-RED integration supported
- 4 independently powered IO-Link Class A ports

Advantages

- Direct IO-Link Device access over Ethernet without Fieldbus and PLC
- Easy Node-RED integration for IoT and industry 4.0 setups
- Extendible by freely programmable MCU
- Customized OEM enclosure possible