Use ⬢ IO-Link Master Access Modules

Universal · Smart · Easy

PC with **Windows** or **Linux** operating
system or ARM Cortex-M platform

Custom PC application, **LabView**,
controlling host application (ARM
Cortex-M)…

IO-Link Master Access module

Serial Test Protocol
(RS232, USB, Ethernet, SPI, CAN, …)

TEConcept IO-Link Master
or **any Master**
(with Serial Test Protocol)
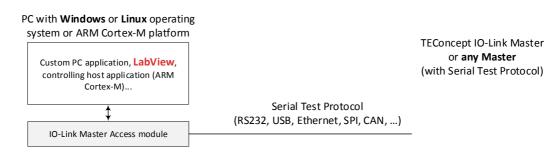
Overview

Most of the IO-Link Masters are equipped with a test interface which makes possible to run the IO-Link conformance tests. The test interface is part of the IO-Link Test Specification.

The new IO-Link Master Access Module Dynamic Link Libraries 'DLL' offer an easy control of the IO-Link Master from a host application which can be a custom application running on a PC or a controlling application running on an embedded Cortex-M based controller.

Description

TEConcept IO-Link Master Access DLLs connect to test interface of the IO-Link Master and provides easy-to-use API functions to connect an IO-Link Master to your own test- or control software solution.

The DLLs are available in source code, demo applications are also included.

The IO-Link Master Access DLLs can be integrated into popular applications like **LabView**.

Delivery

- IO-Link Master Access Module DLLs and source code.
- API user guide.
- Demo application.

Features

- Communication DLL which implements all the Serial Test Protocol features – **Low-Level IO-Link Master Access**.

- Communication DLL which uses the Low-Level IO-Link Master Access DLL and provides easy to use API – **High-Level IO-Link Master Access**.

- The DLLs are available in C and in C# languages.

- Windows, Linux and FreeRTOS (ARM Cortex-M) are supported.

- Supported interfaces:

Windows	Linux	FreeRTOS (Cortex-M)
RS232	RS232	RS232
Virtual COM port	Virtual COM port	SPI
Ethernet	Ethernet	Ethernet
Aardvark (USB-SPI)		
FTH2232H (USB-SPI)		
PEAK CAN (USB-CAN)		
VS COM (USB-CAN)		

- Supported development IDEs:
  Eclipse, Visual Studio, KEIL…

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