EtherNet/IP Scanner Toolkit

Item number: 1121065003

The EtherNet/IP Software Development Kit (protocol stacks) is open, powerful and cost-effective solution for embedding EtherNet/IP into industrial controllers. Promoted by ODVA, it enables Scanner role and is fully hardware and OS independent, supports 32-bit and 64-bit processors and ship as ANSI C source code with sample applications, EDS samples and ODVA conformance tooling.



EtherNet/IP protocol stack

Features and benefits

- **Scanner support**
  Addresses manufacturers who want to implement EtherNet/IP scanner in their products.
- **Your own Engineering Console**
  Create configuration files, commission and diagnose connected devices. This Windows based program could be customizable to your brand and interfaced with its software suite.
- **Delivered samples**
  Delivered with sample applications in source code (FreeRTOS) plus a Windows-based simulator to accelerate development.
- **Hardware & OS independent**
  No hardware or OS dependencies; Easily implemented on a wide range of platforms and operating systems.
- **ODVA conformance tested**
  Successfully tested with the latest ODVA conformance tool and used by ODVA during plug-fest interoperability tests.
- **Expert engineering support**
  Stack training, technical support and engineering development for both hardware and software design.

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Identification and Status

Product ID	1121065003
HS Code	Not Applicable

EtherNet/IP Features

EtherNet/IP Supported Functionality	Implicit (I/O process data) and explicit (configuration / diagnostic) messaging; extensive client/server support. Identity, Message Router, Assembly, Connection Manager, TCP/IP Interface, Ethernet Link, QoS, LLDP, DLR and any user objects.
EtherNet/IP Bandwidth	32-bit and 64-bit processors; any real-time or standard. 400 kB (Scanner) – estimate, highly customizable.

Certifications and Standards

UNSPSC	Conforms to the lastest ODVA EtherNet/IP specification. Fully compatible with last conformance test suite.