

IEPS 800

Intelligent Ethernet Port Server

Features

- LAN-Attached Serial Port Expansion
- Remote Monitoring
- IP Routing for Multi-Site Networks
- Software for Virtual Com Port Included
- Two Ethernet Ports
- Permits Gateway Connection from Instrument's RS-232 to PC's Ethernet LAN



Description:

The IEPS800 gives users the ability to connect KEP products (SUPERtrol Family) RS-232 with Ethernet networks. The port server allows customers to use their existing plant 10BASET Ethernet rather than running separate RS-232 cables to the ST2's. This will permit users to have TROLLink, Infilink-HMI software, Server software or Flow Computer setup application running on a PC with an Ethernet port. Their software at the PC end creates a virtual RS-232 COM Port for these programs.

Since the IEPS800 works using an IP address and uses TCP/IP Protocol, it also has Internet address capabilities.

Port Server Software Included to:

- Assign IP Address
- Set Communication Parameters
- Create Virtual Com Port

The IEPS800 is characterized by high reliability, superior software functionality, expanded hardware interfaces and simplified remote installation. The IEPS800 is designed for users who need to manage, control, program and share access with devices over the LAN or Internet using standard protocols.

Ordering Information

Part Number	Description
IEPS800	Intelligent Ethernet Port Server with RS-232 DB-25 port and 2 Ethernet ports
IEPS800-CABLE	6' Serial Cable with DB-25 and DB-9 connectors

Hardware Specifications

Ethernet: 10/100 Mbps, 2 RJ-45 ports
Serial: RS-232 DB-25 port
Power: 90-264 VAC power adapter included

Environmental Specifications

Operating Temp: -10° to 60°C
Storage Temp: -30° to 65°C
Operating Relative Humidity (non-condensing) 10%-85%
Storage Relative Humidity (non-condensing) 5%-90%

Product Dimensions

Size (WDH): 8 x 4.6 x 1.3" (203.2 x 116.84 x 33.02mm)

Ethernet cabling specifications

This section describes guidelines for using 10BASET twisted-pair cabling:

- Recommended cable is 22 to 26 AWG category 3 or category 5 unshielded solid copper twisted pair (standard telephone wire), at least Level 2 (two twists per foot).
- Maximum distance of a segment—from concentrator to node—is 100 meters (328 feet).
- Maximum of two devices to a cable segment.
- Ethernet network interface cards (NICs) are available with built-in 10BASET transceivers and a 15-pin AUI port.
- Devices with standard AUI ports may be attached by using a twisted-pair transceiver (MAU).

Compatible Instruments:

SUPERtrol 1LE, SUPERtrol-1, SUPERtrol-2, LEVELtrol II, and others.

Compatible Software:

SUPERtrol Family Setup Software, KEPServer, TROLLink, Infilink-HMI



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