IEPS 1000

Intelligent Ethernet Single Port Server

Features

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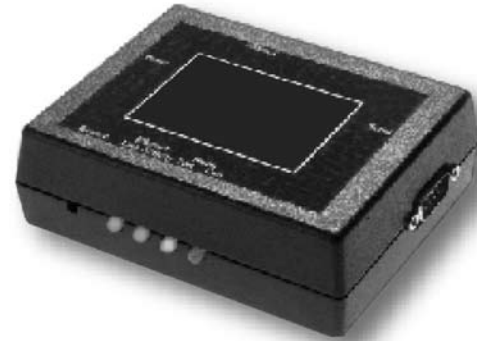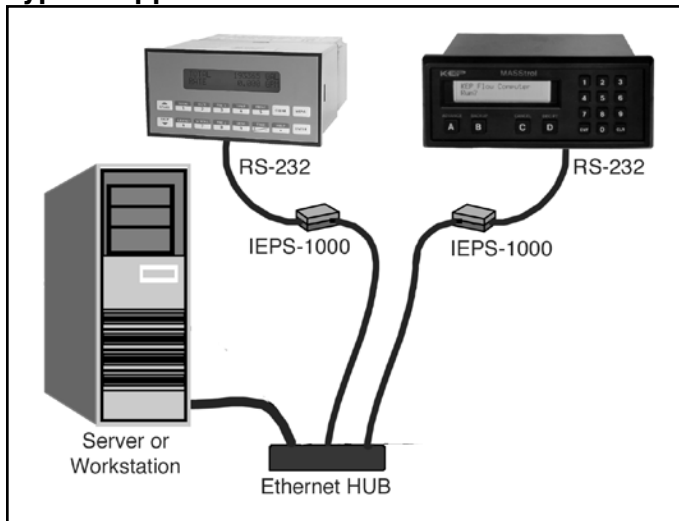
Description:

The IEPS1000 gives users the ability to connect KEP products with Ethernet networks. The SUPERtrol II (ST2) unit can be connected to the RS-232 port on the IEPS1000. The port server allows customers to use their existing plant 10 base T ethernet rather than running separate cables to the ST2's. This will permit users to have 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.

Port Server Software Included to:
- Assign IP Address
- Set Communication Parameters
- Create Virtual Com Port

The IEPS1000 Series of Networked Peripheral Servers provide LAN-attached serial port expansion and remote monitoring. The IEPS1000 is targeted to users who need to manage, control, and share access with one to two peripheral devices over the LAN or Internet using standard protocols. The IEPS1000 uses industry standard TCP/IP, and telnet protocols to ensure open-systems connectivity and flexibility for your demanding applications. The IEPS1000 is bundled with NativeCOM port redirection software, web browser interface, and remote diagnostics. NativeCOM simplifies installation and support, and makes any LAN-attached serial port (whether local or remote) appear as local to your Windows application.

Typical Application

SPECIFICATIONS

Serial Interface: DB9 Connector; supports all TTY signals (RxD, TxD, RTS, CTS, DCD, DTR, DSR, RI)

Power Requirements: External 110/220V; Worldwide; Over current protection

Dimensions: w 3.25" x l 4.37" x h 1.5"

Temperature: Operating temp 0˙ to 60˙ C

Humidity range: 5% to 95% non condensing

LAN Interface: RJ45 (10 Base-T), 10Mbit, Ethernet 802.3; TCP protocol

Host Communications: 10 Base-T, 10Mbit, Ethernet 802.3

Protocols Supported: Raw TCP, NativeCOM port redirector, Telnet, Rtelnet, LPD

Security: Password protected configuration

Management and Diagnostics: Web-based interface, Remote/local diagnostics (to pin level)

Compatible Instruments: SUPERtrol 1LE, 1, 2, LEVELtrol II, INT69, MINItrol and others.

Compatible Software: SUPERtrol Family Setup Diskette, KEPServer, TROLlink, Infilink-HMI

Ordering Information

IEPS1101   1-port, RS-232 Interface