



EtherPathX4

DESCRIPTION

The EtherPathX4 is a four port serial server for Ethernet LAN's. The EtherPathX4 connects any async serial device through a LAN and between LAN's via routers. The EtherPathX4 will also connect other serial devices, such as remote data collection terminals, SCADA RTU/Host systems, UPS's, bar code scanners, alarms, access control, timeclocks, climate control devices, and serial management ports directly to an Ethernet network.

The EtherPathX4 supports TCP/IP protocol, allowing the necessary data connection across networks as well as connections between hosts on a network and the device attached to the EtherPathX4 server.

The EtherPathX4 supports serial interface speeds up to 230 Kbps. The EtherPathX4 can automatically open connections when it powers up, eliminating the need for a manual request. Modem controls (RTS/CTS) and Xon/Xoff are also supported. If the connection is lost, the EtherPathX4 will automatically reconnect when the LAN path is again available.

The EtherPathX4 can be managed directly through the server's physical port as well as remotely from other network locations. Remote configuration is supported using a web browser, telnet connection, or direct connection. SNMP monitoring is supported.

You can telnet to the EtherPathX4, making the EtherPathX4 a remote serial port for a PC or a workstation. This makes the EtherPathX4 an ideal remote access device for controlling remote devices with serial control ports.



Front of EtherPathX4 showing the 4 serial ports



Rear of the 48 VDC version

FEATURES

- Single serial port server
- Ethernet 10/100BaseT
- Telnet server for remote serial ports
- "Nailed up" client /server mode
- Use to access remote serial ports
- Use as async "Ethernet modem"
- RS-232 or RS-422/485 port
- Manage via telnet, browser, or serial port
- Port redirector software available
- -40 to +70 C operation
- Standalone, rackmount, DIN rail mount

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EtherPathX4 Serial Server

SPECIFICATIONS

General

- 4 - RS232 serial ports, RJ45 RS561 interface or 2 - RS422(4-wire) and 2 - RS232 serial ports
- RJ45 serial interface ports
- Serial speeds from 300 bps to 230,000 bps
- RJ45 10/100BaseT
- Supports TCP/IP telnet and raw TCP/IP sockets
- Set up via web browser, telnet command line, or the serial port
- Supports forced connections, required for connecting "dumb" serial devices
- Supports most modem AT commands

Physical/Electrical

- 4 1/4" x 5 1/2" x 1 1/2", 1 lb
- 40 to +70 C <90% non-condensing RH
- 9 to 12 volt DC power supplied by external 120Vac power supply
- 12, 24, 48, 125 VDC and 240 VAC power options available
- 270 mA at 9 volts

TYPICAL APPLICATIONS

- Ethernet enable dumb RS-232 devices for connection via a LAN or between LAN's using routers
- Access remote equipment management ports through a LAN
- Control multiple remote serial ports and to remotely control power to servers and other devices with the DCB Access Switch
- Provide remote PC serial ports by using port redirector software



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APPLICATION

