



EtherPath SS-1



FEATURES

- Configuration via web browser, telnet, or direct connection
- Speeds up to 230 Kbps
- Use to access remote serial devices via LAN
- *EtherModem*® modem emulation technology
- SNMP functionality
- RS232 or RS422/485 (4-wire) interface
- Manage via telnet, browser, or serial port
- **Port re-director software included**
- Reverse telnet, telnet client, or server capability
- Use on the LAN or via routers
- Ideal for Internet or Intranet
- It's an economical async "ethernet modem"
- Allow in-band access to equipment management ports
- RS232 interface supports true control lead handshaking
- -40 to +70 C operation
- DIN rail mountable (along with power supplies)

To meet new customer needs, the EtherPath firmware has steadily evolved over the past years. If you are not certain if the EtherPath does just what you need, call to discuss your unique application requirements.

DESCRIPTION

The EtherPath is a versatile single port serial server for ethernet LAN/WANs. It allows a "remote" serial port for any LAN connected workstation via telnet or port-redirector software. The EtherPath also connects any two async serial devices through a LAN, even via routers, when used in client-server or EtherModem mode. The EtherPath is often used with serial devices such as remote data collection terminals, DCB multiplexers and Access Switches, SCADA, building automation equipment, UPSs, bar code scanners, or climate control devices. It is used to connect serial management ports directly to an ethernet network for "in-band" control of "out-of-band" devices. For this application, simply telnet to the serial management port of the connected device or use inexpensive (or free) port redirector software.

The EtherPath uses the TCP/IP protocol, allowing data connection across routed or switched LAN/WAN networks as well as connections on a local network.

The EtherPath supports serial interface speeds up to 230 Kbps. The EtherPath 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 EtherPath will automatically reconnect when the LAN path is again available.

The EtherPath can be managed directly through the server's physical port as well as remotely from other network locations. Remote configuration is supported using TCP/IP (telnet) or with the easy web browser interface. Security lists are provided for management security.

Telnet to the EtherPath or use COM: port redirector software on UNIX (SCO, FreeBSD, AIX, LINUX) or Windows machines, making the EtherPath a remote serial port for a PC or a work station. The EtherPath is an ideal remote access device for maintaining and controlling remote devices with RS-232 serial control ports.

SPECIFICATIONS

General

- RS232 serial port, DTE interface which may be configured for RS422/485 (4-wire)
- DE-9 RS232 male serial DTE (terminal interface) port
- Serial speeds from 300 bps to 230,000 bps
- RJ45 10/100BaseT, autoselect or forced
- 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
- **EtherModem®** technology, treat it like an "ethernet modem" with AT dial strings, etc.
- SNMP agent functionality included
- **Port Re-director software included**

Physical/Electrical/Environmental

4 ¼" x 5 ½" x 1 ¾"

one pound

-40 to +70 C

<90% non-condensing relative humidity

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, 2.5 watts

Typical Applications

- Ethernet enable dumb RS232 devices for connection via a LAN or between LANs 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

