



## 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, RS-422, RS-485 (2 or 4 wire) port
- Manage via telnet, browser, or serial port
- Port redirector software available
- -40 to +70 C operation
- Standalone, rackmount, DIN rail mount

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

## DESCRIPTION

The EtherPath is a single port serial server for Ethernet LAN's. The EtherPath connects any async serial device through a LAN and between LAN's via routers. The EtherPath 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 EtherPath 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 EtherPath server.

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 a web browser, telnet connection, or direct connection. SNMP monitoring is supported.

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

# ETHERPATH SS-1

## EtherPath Serial Server

### SPECIFICATIONS

#### General

RS-232 serial port, DTE interface or  
RS-422/485(2-wire or 4-wire) DTE interface  
DE-9 male serial DTE (terminal interface) port  
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

