



Model DCB-EPL1 EtherPoll



Description

The GDI EtherPoll is a SCADA communications serial server that allows multi-drop devices to use Ethernet LAN's. The EtherPoll connects any asynchronous serial device through a LAN and between LAN's via routers. The Etherpoll is designed specifically to support asynchronous polling protocols such as Poll Select, ModBus, DNP, etc. These protocols are often error corrected, and the Etherpoll allows these protocols to work through routed LANs and over IP protocol networks. The EtherPoll functions independently of the device protocol, allowing most 8 bit asynchronous protocols to be used with no configuration changes.

The EtherPoll supports serial interface speeds up to 230 Kbps. Since it uses the UPD/IP protocol, overhead is much lower than it would be if TCP/IP were used since there is no "session setup" or "session breakdown" with each connection. Up to 32 remote EtherPolls may be used with each host EtherPoll

The EtherPoll 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 any web browser.

Specifications subject to change without notice

FEATURES

- * RS-232 Interface speeds up to 230 Kbps
- * Use on LAN or via Routers
- * Connect up to 32 remotes to each host over Ethernet LAN/WANs
- * Economical Async "Ethernet multi-drop modem"
- * Protocol independent...works with any byte-oriented asynchronous protocol
- * SNMP agent functionality
- * Configuration via Web Browser, Telnet, or direct connection

Specifications

General

- * Configuration Methods
 - Any Web Browser
 - Telnet Menu Interface
 - Direct Connection Menu Interface
- * SNMP agent functionality included
- * RS-232 serial port, DTE interface
- * Serial speeds from 300 bps to 230,000 bps
- * RJ45 10BT & BNC Ethernet, autoselected
- * Transport protocol is routable UDP/IP
- * Set up via telnet command line interface or the serial port

Indicators (front panel)

Link and Error LEDs

Controls

Dip switch settings: Client, Server, Default IP address, Configuration

Data Port

Interface: RS-232, V.24, speeds up to 230,000 bps
Connector: DE-9P RS-232 (commonly known as a DB-9 PC connector)

LAN Connection

Interface: 10BaseT or 10 Base2

Physical/Electrical

- * 3.5" x 4.75" x 1.25"
- * 1 lb
- * 9 volt DC (external power supplies available for 110 or 220 VAC, 12,24 or 48 VDC)
- * -30 to +70°C

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