

Serial Interface to 10/100 Base-TX Ethernet Bridge

Highlights

- Choice of interfaces: RS-530, V.35, V.36, RS-232 and X.21
- Transparent Ethernet Bridge: 802.1D 10/100 Base-TX
- Filtering Bridge with automatic discovery of MAC addresses
- Data Compression
- Transparent to VLAN and special protocol frames
- Data Rates up to 8Mbps
- Manageable from the LAN or from the Console port
- Administration: Telnet, FTP and SNMP

Advantages

- Compact & Cost Effective
- Fast/Easy Installation: Plug & Play
- High Speed: 8Mbps
- Pingable unit
- Transmission Statistics
- Industrial kit for DIN railmounting

The **CXR-Anderson Jacobson SerialLAN™** is a new Ethernet bridge over a WAN interface. This interface is software configurable and supports most WAN interfaces such as RS-530, V.35, RS-232 and X.21.

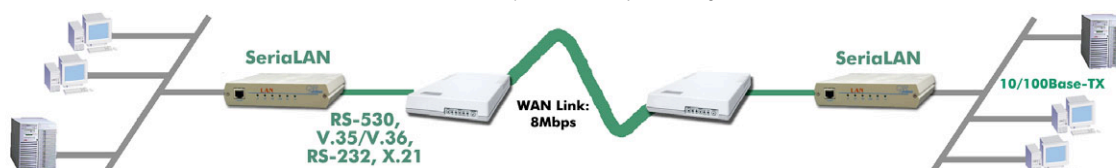
SerialLAN is a compact and cost effective solution to transparently carry Ethernet frames over a WAN link. It relies on up-to-date and powerful internal processors and provides a high speed bridging feature at up to 8Mbps and data compression up to 256Kbps.

SerialLAN provides a plug and play solution for interconnecting LANs. It provides a very fast throughput and avoids any complicated IP settings.

SerialLAN is transparent to the Ethernet frames, even the 802.1q VLAN or special protocol frames. It carries Ethernet frames from one LAN to another through a synchronous WAN link. It is a convenient bridge for VLAN based network interconnections.

SerialLAN is a powerful 10/100 Base-TX Ethernet bridge. It can run at rates up to 8Mbps and can optimize the traffic with its filtering capabilities. Data compression also provides bandwidth optimization for rates up to 256Kbps.

Application



SerialLAN's operation is automatic since it derives the clocks from the WAN modems and is manageable. Both local and remote units can always be controlled from their console ports, from the LAN, or from the WAN.

Specifications

LAN INTERFACE

- Ethernet 10/100 Base-TX: Auto sensing
- Connector: RJ-45
- IEEE 802.3 compliant
- Transparent to IEEE 802.1q VLAN frames
- Filtering up to 10,000 MAC addresses
- Frame Buffer: 400

WAN INTERFACE

- Choice of different physical interfaces: RS-530, V.35, V.36, RS-232 and X.21
- Clock: From DCE/terminal interface
- Rate: Up to 8Mbps
- Data Compression: Up to 256Kbps

PHYSICAL

Metallic Enclosure: 5.6 in x 5.7 in x 1.2 in (D x W x H)

MANAGEMENT

- Console Port: RS-232/V.24/V.28 - 8 bits, No parity, 19.2Kbps; VT-100 emulation, AT Commands and User friendly Menus
- From the LAN: Telnet session, User friendly menus, SNMP; FTP for firmware upgrades and configuration uploads and downloads
- Remotely from the WAN interface: Telnet, User friendly menus, SNMP
- Flash memory for code upgrades from the Console Port or an FTP session
- Plug-n-Play

FRONT PANEL

LEDs: Power, CD, LAN 10/100, RX, TX and Link

POWER SUPPLY

110/230 VAC (wall adapter), < 5 W Max

OPERATING TEMPERATURE

32° to 113° F (0° to 45° C)

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