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PRODUCT BRIEF

NRS232-ETH1

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RS232 to Ethernet Interface Switch



Product Description

In our interesting world of computer connectivity we occasionally need to connect devices to a network without direct network connectivity. Some of these devices might have an asynchronous serial (RS232) port.

This scenario is complicated even further if these device require remote management.

How do we solve this connectivity problem?

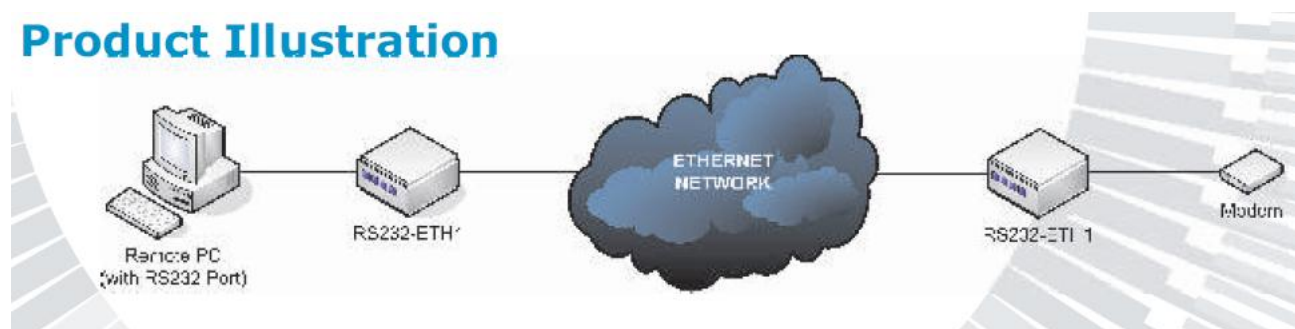
Is there a way to converge these legacy interfaces onto our current TCP/IP networks?

By using the Netshield NRS232-ETH1 device a virtual point-to-point tunnel through the local or wide area networks can be created. A pair of these units can be used connecting to each other or one unit can connect to the an application PC with an installed communication (com) port redirector. This redirector simply redirects the send and receive traffic from the actual com port to a virtual port connect to the network interface of the PC.

Features

- Connect setup Unit to unit or unit to PC via an Ethernet network.
- Real-time device status via e-mail alerts.
- Remote diagnostics and upgrade.
- 256-bit AES encryption.
- Full RS232/RS485 and 3 special function I/O pins.
- Led status indicators – 10/100, link/activity and duplex.
- Built-in web server for device communication and configuration via a standard browser, Telnet and serial port.
- Full featured network Protocols stack – TCP/IP, UDP/IP, ARP, ICMP, SNMP, TFTP, Telnet, DHCP, BOOTP, HTTP, and AutoIP
- Standard SNMP read only interface.
- Lifetime warranty.

Product Illustration



Product Specifications

Interfaces: Auto sensing RJ45 based 10baseT/100baseTX.
Asynchronous V24/RS232/RS485
Data Rate: V24/RS232 at 300 to 921600bps
Operating temp: 0° to 60°C
Humidity: 5 to 95% non-condensing
Power: External AC/DC brick supply
Physical Size: 25x78x63mm
Weight: 0.4Kg

Product Ordering Information

| Product Description | Order Code |
|---|-------------|
| 1-Port RS232, RS485(2/4-Wire) & RS422 Async Serial (230Kbps) to 10/100Ethernet conversion unit with external supply | NRS232-ETH1 |