

Serial Server

DESCRIPTION

It's easy to transfer serial data to/from an Ethernet network with Serial Server!

Ideal for industrial and telecommunication applications, where it is necessary to integrate systems based on different communication technologies.

Serial Server is the ideal solution to interface asynchronous serial equipments, like PLC, medical and biometric systems, card and badge readers, etc. with systems for the data acquisition and processing in Windows®, Unix environments or Linux based on Ethernet network.

It integrates in a sole device the data conversion (serial/Ethernet) and a sophisticated series of functions that allow to connect a serial device directly to a LAN, or to a remote LAN through bridge/router with TCP/IP protocol.

As Serial Server supports the most popular protocols, it is possible to use it for many applications (Host based, TCP/UDP Server/Client, Pair connection, RAW connection, Ethernet modem) based on native environments (Driver access) or developed by the user (Socket access).

Another advantage to take into consideration is that Serial Server saves the hardware investments on the serial devices and extend the use of the traditional standardized systems.



- 10/100 Mbps Autosensing LAN port
- RS232/422/485 serial port
- Protocols native support for TCP Server, TCP Client, UDP Server/Client, Ethernet Modem, Pair connection applications
- COM Driver native support for Windows® and Linux fixed tty
- Processor 80186
- 512 Kb Memory
- Interfaces:
 - LAN: 1 UTP 100BaseTX (10/100 Autosensing)
 - Serial: 1 RS-232/422/485 selectable by external dip switch
- DB9 female connector
- Interface criteria RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND; RS-422: TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND RS-485: Data+/-, GND
- Speed: from 50 bps to 230.4 Kbps
- Data format:
 - No parity, Even, Odd
 - 7 or 8 bit data
 - Stop bit 1, 2 (for no parity only)
- Supported Operating Systems: Windows® XP, 2000, NT, 95, 98, ME, Unix fixed tty for Unix Ware SVR4.2, UnixWare 7 SVR5, SCO Open Server, SCO Unix, Linux 2.0.x/2.2.x (TCP/IP su Intel x86)
- Supported protocols: TCP, IP, UDP, Telnet, Rtelnet, DHCP, ICMP
- Configuration and Management: Console from Serial or Telnet, Windows® utility
- Firmware updates
- Power Supply and Consumption: from 9 to 20 VDC 400 ma max to 9V
- Operating temperature: 0-55 °C
- Size: 100.4 x 87 x 22 mm (LxWxH)
- CE Mark

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