

1 Port RS232 Serial Ethernet Device Server - PoE Power Over Ethernet

StarTech ID: NETRS2321POE



This RS232 Serial Ethernet Device Server allows you to install your RS232 serial devices anywhere on your TCP/IP Ethernet WAN/LAN, and still access them as if they were right beside you - even if the connection is established through an Internet connection!

The serial interface converter provides easy serial control even at the longest distances, allowing access to the remote serial ports from within your local computer Windows device manager.

The RS232 Serial Ethernet Device Server is designed to function seamlessly with your other serial ports for totally transparent operation. Your serial equipment – card scanners, access keypads, bar code scanners, and more – will operate as smoothly as if the serial ports were right inside your computer. For industrial automation, security, Point of Sale, or any time you need reliable, long-range serial communications, the Device Server delivers superior performance in any environment.

A practical solution for industrial RS232 serial applications, the Ethernet/serial device server supports PoE (Power over Ethernet) when connected to a PoE switch, hub, or other device - eliminating the need to use an external power supply and in turn making it easier to situate the device server as needed.

Applications and Solutions

- Environmental Control (lighting, temperature, clocks)
- Hospital (monitoring equipment, nurses' stations)
- Hospitality/Restaurant (credit card/debit card reader, serial printers)
- Hotel Front Desk (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- POS (credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Security (UPS control, access key panels, video cameras, card readers)

Features

- 10/100 RJ45 LAN port
- Advantage of purchasing the NETRS2321POE vs. the NETRS232_1 is the Power over Ethernet (POE)saves the user from needing another power outlet to power the converter
- Data transfer rates of up to 115.2 Kb/sec per port
- Device server features a unique Power over Ethernet (POE)
- Support for Win2000, Win XP 32bit, and Vista 32bit
- Supports Auto Cross Over Feature for Ethernet Cables
- Supports the following network protocols - UDP, IP, TCP, ICMP, HTTP, DHCP,ARP-Ping
- Wall mountable

Technical Specifications

- Color: Black
- Connector Types: 1 - RJ45 Female
- Connector Types: 1 - DB9 Male
- Product Height: 1 in [25.4 mm]
- Product Length: 4.21 in [107 mm]
- Power Adapter Included: Yes
- Carton Quantity: 20
- Shipping (Package) Weight: 1.88 lb [0.85 kg]
- Product Weight: 16.94 oz [480 g]
- Product Width: 2.61 in [66.3 mm]
- Material: Aluminum
- PoE: IEEE 802.3af Power-over-EthernetCompliant
- Data Bits: 6, 7, 8
- Stop Bit: 1, 2
- Maximum Data Transfer Speed: Up to 115.2 Kbps
- LED's: Heartbeat, Link/Activity, 10/100 Mbps
- Operational Temperature: 0° to 55° C
- Storage Temperature: -20° to 85° C
- Operating Humidity: 5 to 95% RH
- Power Input: 12V DC
- Power Consumption: 100mA , 12V DC

- Industry Standards:
- General Specifications: UDP, IP, TCP, ICMP, HTTP, DHCP, ARP-Ping
- **Note:** Support for Win2000, Win XP 32bit, and Vista 32bit