

1-Port Serial-to-IP Ethernet Device Server - RS232 - DIN Rail and Surface Mountable - Aluminum

StarTech ID: NETRS2321P



This 1-port serial device server is an effective serial-over-IP solution that lets you connect to, configure, and remotely manage an RS232 serial device over a LAN (Local Area Network).

Access your serial devices remotely

The versatile device server is designed to function seamlessly with your integrated serial ports, while offering baud rates faster than many other device servers (up to 460.8Kbps). The device server provides the tools you need to communicate with remote RS-232 devices as if they were directly connected.

Flexible setup and operation

It offers versatile browser-based or Virtual COM port software configuration for customizing the device to suit your application. Plus, the software communicates directly with the device server, so it can be used in Virtual Machine (VM) environments if you have multiple VMs sharing the same set of hardware.

The device server also offers remote Telnet configuration and support for IP, HTTP, ICMP, DHCP, ARP, TCP and UDP protocols.

Aluminum housing provides durability you can count on

With a sturdy aluminum housing and DIN rail or surface mounting brackets, the serial device server provides a durable remote serial interface for industrial automation, security, Point of Sale and many other applications.

The NETRS2321P is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

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

Features

- Rugged aluminum housing delivers reliable performance
- Fast, 460.8Kbps baud rate
- Mounts to a surface or on a DIN rail, with a built-in mounting bracket and included DIN rail clips
- Supports Telnet, for OS independent communication, perfect for Windows, Mac, and Linux® users
- Configurable using the software utility (Windows only), or web browser
- Supports DHCP, HTTP, ICMP, ARP, IP, UDP, TCP
- Compliant with IEEE 802.3 and IEEE 802.3u standards

Technical Specifications

Warranty	2 Years
Interface	Serial
Ports	1
Auto MDIX	Yes
Compatible Networks	10/100 Mbps
Data Bits	5, 6, 7, 8
Flow Control	RTS/CTS, None
Max Baud Rate	460.8 Kbps
Parity	Even, Odd, None
Serial Protocol	RS-232
Stop Bits	1, 1.5, 2
Supported Protocols	DHCP, TCP/IP, UDP, HTTP, ICMP, ARP, Telnet
External Ports	1 - DB-9 (9 pin; D-Sub) Male
External Ports	1 - RJ-45 Female
OS Compatibility	Windows® 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64), 2000 Windows Server® 2012, 2008 R2, 2003 Linux: The included software does not support Linux to emulate a local COM port. Linux users would need to use Telnet.
LED Indicators	1 - Ready
LED Indicators	1 - Link / Act
LED Indicators	1 - Tx / Rx
Center Tip Polarity	Positive
Input Current	0.36 A
Input Voltage	100 ~ 240 AC
Output Current	1.6 A
Output Voltage	12 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	0~90% RH (Non-condensing)
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage	-10°C to 70°C (14°F to 158°F)

Temperature

Color	Black
Enclosure Type	Aluminum
Product Height	0.9 in [23 mm]
Product Length	3.4 in [86 mm]
Product Weight	3.2 oz [90 g]
Product Width	2.1 in [53 mm]
Shipping (Package) Weight	15.2 oz [430 g]

Included in Package 1 - Serial over IP Device Server

Included in Package 1 - DIN Rail Kit

Included in Package 1 - Universal Power Adapter (NA/EU/UK/AU)

Included in Package 1 - Software CD

Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility

