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

Product 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).

For more control options, the device server is compatible with the free, StarTech.com (NETRSAPP). When coupled with the NETRS2321P, this handy application for iOS, and Android lets you build a custom serial control interface that's tailored to your specific application.

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 230.4Kbps).The device server provides the tools you need to communicate with remote RS-232 devices as if they were directly connected.

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.

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.

Download the StarTech.com serial control software from the Apple App Store, and the Google Play Store.

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

Certifications, Reports and Compatibility

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

• SERIAL OVER IP: Unlock remote control capabilities with this 1-port serial-to-Ethernet device server, allowing network administrators to configure and manage RS232 DB9 serial devices over an IP network

• ROBUST DESIGN: Versatile device server features rugged aluminum housing and delivers reliable performance; Mount to any surface or DIN rail with built-in mounting bracket and included DIN rail clips

• COMPATIBILITY: Compatible with the Serial Device Application Software for iOS and Android (NETRSAPP); Supports Telnet for OS independent communication and is also configurable using the software utility (Windows only), or web browser; TAA Compliant

• TECH SPECS: Serial Protocol: RS232; Stop Bits: 1, 1.5, 2; Max. Baud Rate: 230.4 Kbps; IEEE 802.3 and IEEE 802.3u Complaint; Compatible Networks: 10/100 Mbps; Auto MDIX: Yes; 9K Jumbo frames; DIN rail/wall mountable

• THE IT PRO'S CHOICE: Designed and built for IT Professionals, this serial to IP ethernet device server is backed for 2-years, including free lifetime 24/5 multilingual technical assistance

Hardware

Warranty	2 Years
Ports	1
Interface	Serial

Performance

Serial Protocol	RS-232
Max Baud Rate	230.4 Kbps
Data Bits	5, 6, 7, 8
Flow Control	RTS/CTS, None
Parity	Even, Odd, None
Stop Bits	1, 1.5, 2
Compatible Networks	10/100 Mbps
Auto MDIX	Yes
Supported Protocols	DHCP, TCP/IP, UDP, HTTP, ICMP, ARP, Telnet

Connector(s)

External Ports	1 - DB-9 (9 pin, D-Sub)
	1 - RJ-45

Software

OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022
	Linux: The included software does not support Linux to emulate a local COM port. Linux users would need to use Telnet.

Indicators

LED Indicators	1 - Ready
	1 - Link / Act
	1 - Tx / Rx

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.36 A

Output Voltage	12V DC
Output Current	1.6 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	19.2

Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	0~90% RH (Non-condensing)

Physical Characteristics

Color	Black
Material	Aluminum
Product Length	3.4 in [8.6 cm]
Product Width	2.1 in [5.3 cm]
Product Height	0.9 in [2.3 cm]
Weight of Product	3.2 oz [92.0 g]

Packaging Information

Package Quantity	1
Package Length	6.9 in [17.6 cm]
Package Width	5.8 in [14.8 cm]
Package Height	2.6 in [6.6 cm]
Shipping (Package) Weight	14.5 oz [412.0 g]

What's in the Box

Included in Package	1 - Serial over IP Device Server

1 - DIN Rail Kit

1 - Universal Power Adapter (NA/JP, EU, UK, ANZ)

1 - Instruction Manual

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*Product appearance and specifications are subject to change without notice.