

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 [Serial Device Application Software](#) (NETRSAPP). When coupled with the NETRS2321P, this handy application for iOS, Android, and Chrome Browser lets you build a custom serial control interface that's tailored to your specific application.

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.

Download the application software and manage your serial devices with ease

Download the StarTech.com serial control software from the Apple App Store, the Google Play™ Store, or the Chrome Web 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

- 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
- Compatible with the free, StarTech.com Serial Device Application Software for iOS, Android, and Chrome Browser (NETRSAPP)
- 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

Hardware	Warranty	2 Years
	Interface	Serial
	Ports	1
Performance	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
Connector(s)	External Ports	1 - DB-9 (9 pin, D-Sub) Male 1 - RJ-45 Female
Software	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 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	Center Tip Polarity	Positive
	Input Current	0.36 A
	Input Voltage	100 - 240 AC
	Output Current	1.6 A
	Output Voltage	12V DC
	Plug Type	M
	Power Consumption (In Watts)	19.2
	Power Source	AC Adapter Included
Environmental	Humidity	0~90% RH (Non-condensing)
	Operating Temperature	0°C to 60°C (32°F to 140°F)

	Storage Temperature	-10°C to 70°C (14°F to 158°F)
Physical Characteristics	Color	Black
	Material	Aluminum
	Product Height	0.9 in [2.3 cm]
	Product Length	3.4 in [86 mm]
	Product Width	2.1 in [53 mm]
	Weight of Product	3.2 oz [92 g]
Packaging Information	Package Height	2.4 in [62 mm]
	Package Length	6.9 in [17.6 cm]
	Package Width	5.7 in [14.6 cm]
	Shipping (Package) Weight	14.7 oz [416 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

Product appearance and specifications are subject to change without notice.