

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

Product ID: NETRS232



This 1-Port Serial Device Server lets you remotely access and manage an RS232 serial device over a local area network (LAN), for a simple and cost-effective serial-over-IP control solution.

For more control options, the device server is compatible with the free, StarTech.com [Serial Device Application Software](#) NETRSAPP. When coupled with the NETRS232, this handy application for iOS, Android, and Chrome Browser lets you build a custom serial control interface that's tailored to your specific application.

Flexible power and mounting options

For installation flexibility across a variety of environments, you can power the device server using the provided 12V DC power adapter, or using the integrated 10~30V DC terminal block.

Plus, the device server is DIN rail mountable for out-of-the-way installations.

Protects your investment

To help ensure reliable performance and prevent possible damage, the serial device server offers 15KV ESD (Electrostatic Discharge) protection, so you can rest assured that the device server won't become damaged due to externally generated ESD.

Customizable and wide compatibility

This highly-customizable device server is easy to configure to suit your application. For easy setup, Windows users can use the provided Virtual COM port software, or the versatile web-based interface.

The RS232 device server supports Telnet (an operating system independent communication protocol), so it can be integrated into mixed OS environments (Windows, Mac, Linux). Plus, it supports VCOM, TCP Server/Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, and ARP protocols.

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 NETRS232 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Integrate the cost-effective serial device server into mixed OS environments
- Manufacturing (CNC machinery, process control equipment, serial printers)
- Security (UPS control, access key panels, video cameras, card readers)
- Environmental control (lighting, temperature, clocks)
- POS (credit/debit card readers, receipt printers, cash registers, scales)

Features

- A compact, cost-effective, serial-over-IP solution that includes a DIN rail mounting bracket
- Redundant and flexible power input using the included power adapter, or 10~30V DC terminal block input
- Safeguard your investment, with 15KV ESD (Electrostatic Discharge) protection
- 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
- Supports VCOM, TCP Server, TCP Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, ARP
- Configurable using the software utility (Windows only), or web browser
- Up to 230.4 Kbps baud rate
- Supports RS232 serial protocol
- Compliant with IEEE 802.3 and IEEE 802.3u standards

Hardware	Warranty	2 Years
	Industry Standards	IEEE 802.3, IEEE 802.3u
	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	230.4 Kbps
	Parity	None, Even, Odd, Space, Mark
	Remote Management Ability	Yes
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
	Supported Protocols	VCOM, TCP Server, TCP Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, ARP, Telnet
Connector(s)	Surge Protection	15KV ESD (Electrostatic Discharge) Protection
	Connector Type(s)	1 - DB-9 (9 pin, D-Sub) Male
		1 - RJ-45 Female
		1 - Terminal Block (2 Wire)
Software	OS Compatibility	Windows® 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Linux 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 - Power
		1 - Tx
		1 - Rx
		1 - 10/100Mbps LAN
		1 - Link/Activity
Power	Center Tip Polarity	Positive
	Input Current	0.5 A
	Input Voltage	100 - 240 AC

	Output Current	1.2 A
	Output Voltage	12V DC
	Plug Type	H
	Power Consumption (In Watts)	14.4
	Power Source	AC Adapter Included
Environmental	Humidity	0~90% RH
	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	Plastic
	Product Height	0.9 in [2.2 cm]
	Product Length	3.7 in [95 mm]
	Product Width	2.2 in [55 mm]
	Weight of Product	2.4 oz [68 g]
Packaging Information	Package Height	3 in [76 mm]
	Package Length	6.9 in [17.5 cm]
	Package Width	6.3 in [15.9 cm]
	Shipping (Package) Weight	15.7 oz [444 g]
What's in the Box	Included in Package	1 - Serial over IP Device Server
		1 - DIN Rail Kit
		1 - Terminal Block
		1 - Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand
		1 - Software CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.