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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 NETRSAPP. When coupled with the NETRS232, this handy application for iOS and Android lets you build a custom serial control interface that's tailored to your specific application.

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.

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.

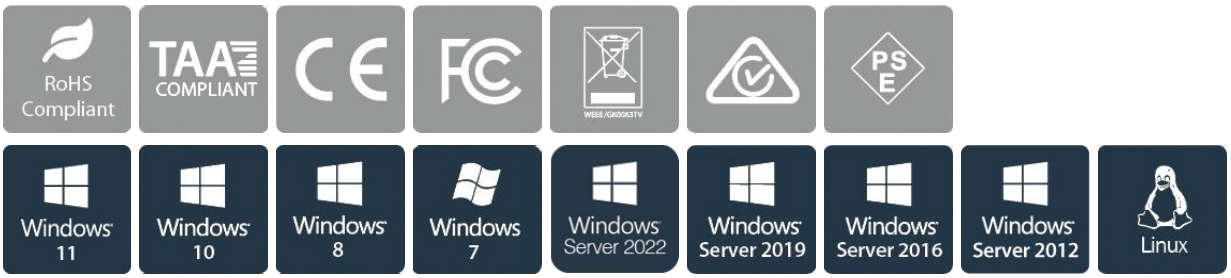
This highly-customizable device server is easy to configure to suit your application. For easy setup, Windows users can use the provided Virtual COM port software, or the versatile web-based interface.

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 StarTech.com serial control software from the Apple App Store or the Google Play 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 and Android (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
Ports	1
Interface	Serial

	Industry Standards	IEEE 802.3, IEEE 802.3u

Performance

	Serial Protocol	RS-232
	Max Baud Rate	230.4 Kbps
	Data Bits	5, 6, 7, 8
	Flow Control	RTS/CTS, None
	Parity	None, Even, Odd, Space, Mark
	Stop Bits	1, 1.5, 2
	Remote Management Ability	Yes
	Surge Protection	15KV ESD (Electrostatic Discharge) Protection
	Compatible Networks	10/100 Mbps
	Auto MDIX	Yes
	Supported Protocols	VCOM, TCP Server, TCP Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, ARP, Telnet

Connector(s)

	Connector Type(s)	1 - DB-9 (9 pin, D-Sub)
		1 - RJ-45
		1 - Terminal Block (2 Wire)

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
		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		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.5 A
	Output Voltage	12V DC
	Output Current	1.2 A
	Center Tip Polarity	Positive
	Plug Type	H
	Power Consumption (In Watts)	14.4
Environmental		
	Operating Temperature	0C to 60C (32F to 140F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	0~90% RH
Physical Characteristics		
	Color	Black
	Material	Plastic
	Product Length	3.7 in [9.5 cm]
	Product Width	2.2 in [5.5 cm]
	Product Height	0.9 in [2.2 cm]
	Weight of Product	2.4 oz [68.0 g]
Packaging Information		
	Package Quantity	1

Package Length	7.1 in [18.0 cm]
Package Width	6.2 in [15.8 cm]
Package Height	3.1 in [8.0 cm]
Shipping (Package) Weight	15.9 oz [450.0 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.

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