2-Port Serial-to-IP Ethernet Device Server - RS232 - Metal and Mountable - TAA

Product ID: NETRS2322P

This 2-port serial device server is a cost-effective way to remotely connect to and manage two serial devices over your typical IP network. The device server integrates two RS232 ports into a rugged metal housing with an extended operating temperature range, so it's perfect for factory and industrial settings.

If you're looking for a reliable serial-over-IP control solution, then this device server can help. With a rugged metal housing and an extended operating temperature range, you can rest assured that the device server can deliver the reliable performance you need, even in harsh environments.

Plus, it features two integrated mounting brackets, so you can mount the device server to a surface or a wall as needed, for out-of-the-way installations.

With redundant power input, this dual-port serial device server ensures seamless operation, even in the event of power dips or failures. It features a wide-range, terminal block power input (9~36V DC), and includes a universal power adapter.

Because it features two power inputs, if you experience a power disruption the device server automatically switches to its secondary power source. With redundant power input, the device server remains operational if one of the power sources fails, so you can continue to connect to and manage your serial devices when needed.

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, ICMP, IP, TCP, UDP, DHCP, and BOOTP protocols.

The NETRS2322P is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Integrate into industrial, warehouse, or factory environments that are subject to harsh conditions and large temperature variances

• Fasten to a wall or desk, using the integrated mounting brackets

• Ideal for settings where critical equipment requires continuous power, with two power inputs

• Use with CNC machinery and process control equipment, as well as environmental control, and point-of-sale (POS) devices

Features

• Two RS232 (DB9) serial ports, integrated into a durable, metal housing that's ideal for industrial environments

• Built-in mounting brackets let you easily install the device server to a wall or surface

• Redundant power input using the provided power adapter, or 9~36V DC terminal block input

• Extended operating temperature range — 0C to 85C (32F to 185F)

• Up to 460.8Kbps serial baud rate

• Remote management and customization using the provided Windows based VCOM software or the Web interface

• Supports Telnet, ICMP, IP, TCP, UDP, DHCP, HTTP, and BOOTP protocols

• 15kV Air and 8kV contact ESD (Electrostatic Discharge) Protection

• 10/100Mbps RJ45 port that supports IEEE 802.3 (10BASE-T) and IEEE 802.3u (100BASE-TX) protocols

Hardware

Warranty	2 Years
Ports	2
Interface	Serial
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX

Performance

Serial Protocol	RS-232
ESD Protection	+/-15kV (HBM)
	+/-15kV (Air)
	+/-8kV (Contact)
Max Baud Rate	460.8 Kbps
Data Bits	7, 8
Flow Control	XON/XOFF, RTS/CTS, None
Parity	None, Even, Odd, Space, Mark
Remote Management Ability	Yes
Isolation	2500 Vrms
Compatible Networks	10/100 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Supported Protocols	ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, HTTP

Connector(s)

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

Software

OS Compatibility	 Virtual COM software - Windows Only:
	Windows Vista, 7, 8, 8.1, 10, 11
	Windows Server 2008 R2, 2012, 2016, 2019, 2022
	 Note: The device server's hardware is compatible with Mac OS and Linux; however,the provided Virtual COM software is not compatible with these operating systems.

When used with a Mac or Linux operating system, the device
server can only be configured using the Web-GUI.

Indicators

	LED Indicators	2 - Status
		2 - Port 1
		2 - Port 2
		1 - 10/100Mbps LAN
		1 - Link / Activity

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	1.5 A
	Output Voltage	12V DC
	Output Current	3 A
	Center Tip Polarity	Positive
	Power Consumption (In Watts)	36

Environmental

	Operating Temperature	0C to 85C (32F to 185F)
	Storage Temperature	-45C to 130C (-49F to 266F)
	Humidity	20~80% RH (Non-condensing)

**Physical
Characteristics**

	Color	Black
	Material	Steel
	Product Length	4.4 in [11.2 cm]
	Product Width	3.2 in [8.1 cm]
	Product Height	0.9 in [2.3 cm]

	Weight of Product	11.3 oz [320.0 g]

Packaging Information

	Package Quantity	1
	Package Length	8.5 in [21.7 cm]
	Package Width	5.9 in [15.1 cm]
	Package Height	2.2 in [5.5 cm]
	Shipping (Package) Weight	1.4 lb [0.6 kg]

What's in the Box

	Included in Package	1 - 2-port serial device server
		1 - terminal block (2-wire)
		1 - universal power adapter (NA/EU/UK/AU)
		1 - software CD
		1 - quick start guide

Warranty Information

	Warranty	2 Years

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