

## 1 Port RS-232 Serial to IP Ethernet Device Server - DIN Rail Mountable

StarTech ID: NETRS232



The NETRS232 Serial Device Server lets you remotely access and manage an RS232 serial device over a local or wide area network (LAN/WAN), giving you a simple and cost-effective serial-over-IP control solution.

For installation flexibility across a variety of locations or environments, you can power the serial device server using either a 12V DC power adapter (included) or through the integrated 10~30V DC terminal block. Plus, the device server is DIN rail mountable for out-of-the-way installations. To help ensure seamless performance and prevent possible damage to the server and connected devices, the serial device server offers 15KV ESD (Electrostatic Discharge) protection.

This highly-customizable device server is easy to configure to suit your application, with versatile browser-based or Virtual Com port software configuration and integrates support for VCOM, TCP Server/Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, and ARP protocols, while supporting baud rates up to 230.4 Kbps and is compliant with IEEE 802.3, IEEE 802.3u standards.

Backed by a 2-year StarTech.com warranty and free lifetime technical support.

### Applications

- 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)
- Industrial automation (motion controllers, sensors)

## Features

- Solid housing design with DIN rail mounting bracket
- Power input via included 12V DC power adapter, or 10~30V DC terminal block
- 15KV ESD (Electrostatic Discharge) Protection
- Up to 230.4 Kbps baud rate
- Supports RS232 serial protocol
- Supports VCOM, TCP Server, TCP Client, UDP, HTTP, DHCP, ICMP(PING), Static IP, ARP
- Configurable via software utility, or web browser
- Compliant with IEEE 802.3 and IEEE 802.3u standards

Technical Specifications

Warranty	2 Years
Ports	1
Interface	Serial
Industry Standards	IEEE 802.3, IEEE 802.3u
Connector Type(s)	1 - DB-9 (9 pin; D-Sub) Male
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - Terminal Block (2 Wire)
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
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), 2000 Windows® Server 2012, 2008 R2, 2003 (32/64)
Color	Black
Enclosure Type	Plastic
Product Length	86 mm [3.4 in]
Product Width	54 mm [2.1 in]
Product Height	23 mm [0.9 in]
Product Weight	65 g [2.3 oz]
LED Indicators	1 - Power
LED Indicators	1 - Tx
LED Indicators	1 - Rx
LED Indicators	1 - 10/100Mbps LAN
LED Indicators	1 - Link/Activity
Input Voltage	100 ~ 240 AC
Input Current	480 mA
Output Voltage	12 DC
Output Current	1.2 A
Center Tip Polarity	Positive
Power Consumption	1.45W Max
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)

Humidity	0~90% RH
Shipping (Package) Weight	395 g [13.9 oz]
Included in Package	1 - Serial over IP Device Server
Included in Package	1 - DIN Rail Kit
Included in Package	1 - Terminal Block
Included in Package	1 - Universal Power Adapter (NA/UK/EU)
Included in Package	1 - Software CD
Included in Package	1 - Instruction Manual

### Certifications, Reports and Compatibility

