

## 1 Port RS232 Serial Ethernet Device Server - PoE Power Over Ethernet

**Product ID:** NETRS2321POE



The NETRS2321POE 1 Port RS232 Serial Ethernet Device Server - PoE (Power Over Ethernet) allows you to install your RS232 devices anywhere on your TCP/IP Ethernet WAN/LAN, and access them as if they were right beside you - even over the Internet!

The Serial Device Server is designed to function seamlessly with your other integrated and add-on serial ports as if they were right inside your computer. Perfect for industrial automation, security, Point of Sale, or any long-range serial application, delivering reliable performance in any environment.

The Ethernet/serial device server supports PoE (Power over Ethernet) when connected to a PoE compliant device - eliminating the need for an external power supply and outlet, and making it easier to situate the device server as needed.

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

- Supports standard Ethernet or Power over Ethernet (POE)
- Supports UDP, IP, TCP, ICMP, HTTP, DHCP and ARP-Ping protocols
- Wall mountable
- Integrated 10/100Mbps RJ45 LAN port
- Data transfer rates of up to 115.2 Kbps per port
- Supports Auto Crossover (MDI/MDI-X)
- Support for Windows 2000, XP 32bit, and Vista 32bit

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### Hardware

Warranty	2 Years
Industry Standards	IEEE 802.3af Power-over-Ethernet

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### Performance

Maximum Data Transfer Rate	115.2Kbps
Data Bits	6, 7, 8
Stop Bits	1, 2
MTBF	233,403 Hours
Supported Protocols	UDP, IP, TCP, ICMP, HTTP, DHCP, ARP-Ping

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### Connector(s)

Connector Type(s)	RJ-45 DB-9 (9 pin, D-Sub)
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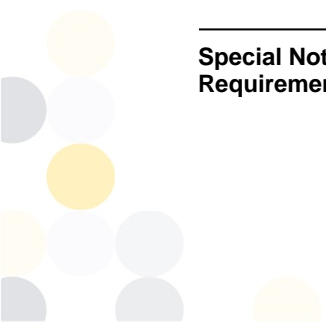
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### Software

OS Compatibility	Windows Vista (32), XP (32), 2000
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### Special Notes / Requirements



Patents and Licenses      The following patents are licensed for this product. This list might not be all inclusive.

- United States Patent No. 5,406,260 (expired)
- United States Patent No. 6,650,622
- United States Patent No. 7,457,250
- United States Patent No. 8,155,012
- United States Patent No. 8,902,760
- United States Patent No. 8,942,107
- United States Patent No. 9,019,838
- United States Patent No. 9,049,019
- United States Patent Application No. 14/695,456
- United States Patent Application No. 14/726,940

#### Indicators

LED Indicators	Heartbeat, Link/Activity, 10/100 Mbps
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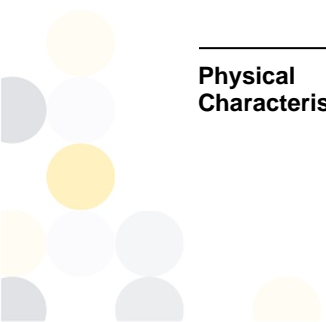
#### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.3 A
Output Voltage	12V DC
Output Current	0.1A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	1.2

#### Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

#### Physical Characteristics



Color	Black
Material	Aluminum
Product Length	4.2 in [10.7 cm]
Product Width	2.6 in [66.3 mm]
Product Height	1.0 in [25.4 mm]
Weight of Product	9.1 oz [259 g]

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**Packaging Information**

Package Length	7.6 in [19.2 cm]
Package Width	11.7 in [29.6 cm]
Package Height	2.8 in [70 mm]
Shipping (Package) Weight	34.0 oz [963 g]

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**What's in the Box**

Included in Package	Industrial Serial over IP Device Server
	Instruction Manual
	Universal Power Adapter (NA/UK/EU)

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

