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Industrial 4 Port RS232/422/485 to Dual Ethernet Serial Device Server - PoE PD

NETRS42348PD

*actual product may vary from photos

For the most up-to-date information, please visit: www.startech.com

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Product Diagram

Front View

PoE LED
LED for PWR1
LED for PWR2
LED for Fault Indicator

LED for Serial Port Status

LED for 10Base-T Connection on Ethernet Port

10/100Base-T Ethernet Ports (ETH 2 supports PoE)

LED for 100Base-T Connection on Ethernet Port

DB-9 Serial Ports

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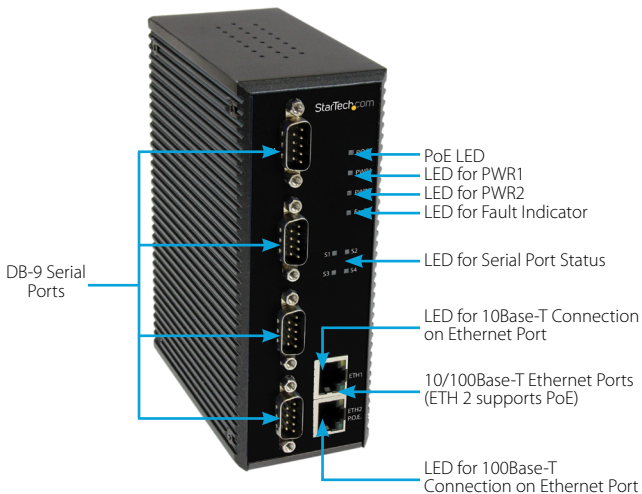
Terminal Block Power Connector

The device server can be powered using a PoE connection, or using the Terminal Block connector as outlined below.
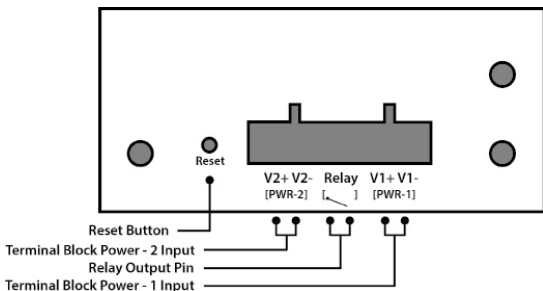
DB-9 Connector Pinout
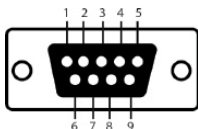
Pin#	RS 232	RS 422	RS 485 (4 wire)	RS 485 (2 wire)
1	DCD	RXD-	RXD-	
2	RXD	RXD+	RXD+	
3	TXD	TXD+	TXD+	DATA+
4	DTR	TXD-	TXD-	DATA-
5	GND	GND	GND	GND
6	DSR			
7	RTS			
8	CTS			
9	RI			
RS 232 mod act as DTE				

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Introduction

Packaging Contents

- 1x Serial Device Server Unit
- 1x DIN Rail Kit
- 1x Wall-Mount Kit/ Screws
- 2x RJ-45 Dust Covers
- 1x Quick Installation Guide
- 1x Software CD

System Requirements

- Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), Windows® Server 2012, 2008 R2, 2003(32/64)

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Installation

Hardware Installation

The server can be installed on a DIN rail or it can be wall-mounted.

Installation on a DIN-Rail:

1. Tilt the unit, making sure that the metal spring located at the back is positioned on top of the DIN rail.

2. Push the unit towards the rail until a "click" sound is heard.

Installation on a Wall:

1. Remove the DIN-rail kit preinstalled on the unit.

2. Install the wall-mount panel included using the 6 screws found in the package.
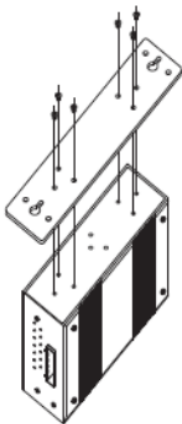
3. Mount the unit on the wall using the appropriate hardware for the surface you are mounting to.

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Software Installation

1. Insert the provided CD into your DVD/CD-ROM drive.
2. Browse to the folder "fscommand\Utility\DS-Tool" and execute the installer "Startech_V1.0_xxxxxxx"
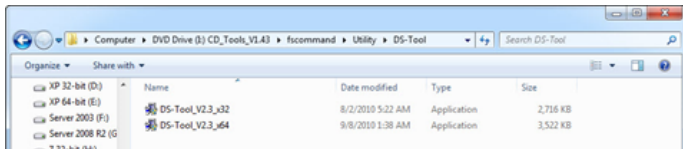
3. Follow the on-screen instructions to complete the installation.

Operation

For full operating instructions, please visit www.startech.com/NETRS42348PD

1. Start the DS-Tool, allow the install of the driver
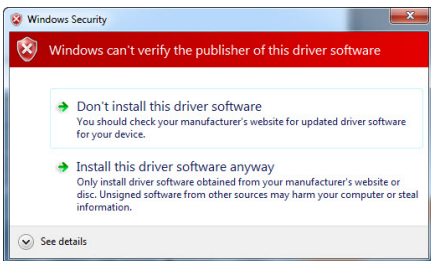
2. Allow access to the DS-Tool on the Windows Firewall

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3. Once the utility opens, click the "Broadcast" button to detect the device server. The default IP address of device is "192.168.10.2".

4. Once detected, click the checkbox beside the device you would like to configure, then click the "Add" button to configure your desired IP settings (Static / DHCP).
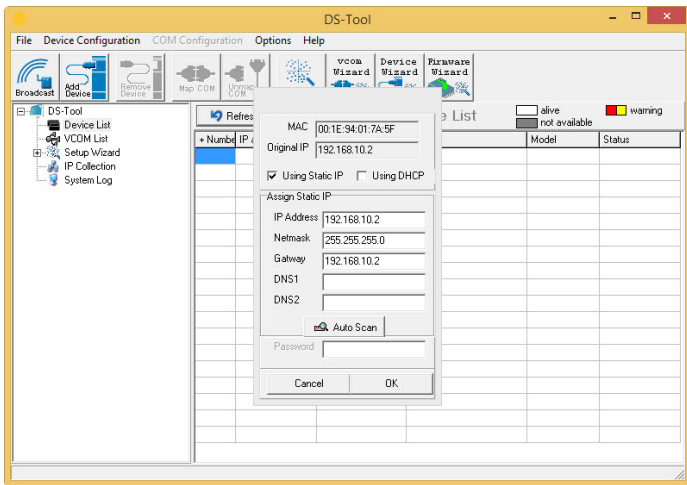
To add a virtual COM port, please use the VCOM Wizard and follow the steps.

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Specifications

Interface	Serial
Ports	4
Supported Protocols	ICMP, IP, TCP, UDP, DHCP, BOOTP, ARP/RARP, DNS, SNMP MIB II, HTTPS, SSH
Connectors	4x DB-9 male, 1x RJ-45 1x Power over Ethernet RJ-45 1x 6pin Terminal Block
LED Indicator(s)	2x Ethernet Link, P.O.E, PWR1,PWR2, fault, S1, S2, S3, S4
Supported Serial Protocols	RS232/422/485
Ethernet Link Speed	10/100 Mbps
Maximum Baud Rate	460.8 Kbps
Power Input	Terminal Block: 12~48VDC
Enclosure Material	Metal
Operating Temperature	-10 to 70°C (14 to 158°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Humidity	5% to 95% Non-condensing
Dimensions	106.1mm x 52mm x 144.3 mm
Weight	682 g
Compatible Operating Systems	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64),Windows® Server 2012, 2008 R2, 2003(32/64)

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