

# NPort DE-311/211

*Make Your Serial Device Internet Ready*



## Features

- > RS-232/422/485 3-in-1 serial port
- > Versatile socket operation modes, including TCP Server, TCP Client, UDP, Ethernet Modem, and Pair Connection
- > Real COM/TTY drivers for Windows and Linux
- > Fast Ethernet or Standard Ethernet
- > 2- or 4-wire RS-485 with patented Automatic Data Direction Control (ADDCTM)
- > Built-in 15 KV ESD Protection for all serial signals



## Ordering Information

**DE-311:** 10/100 Mbps, 1-port RS-232/422/485 serial device server

**DE-211:** 10 Mbps, 1-port RS-232/422/485 serial device server, 230V, Euro plug

### All items include

- 1-port serial device server
- Quick Installation Guide

- NPort Document and Software CD-ROM

### Optional Accessories

**DK-35A:** DIN-Rail Mounting Kit (35 mm)

**NP21101:** DB25(M) to DB9(F) RS-232 Cable, 30 cm

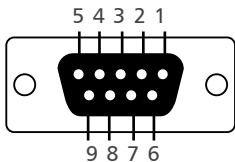
**NP21102:** DB25(M) to DB9(M) RS-232 Cable, 30 cm

**NP21103:** DB25(M) Terminal Block Kit for RS-422/485

## Pin Assignment

### DE-311

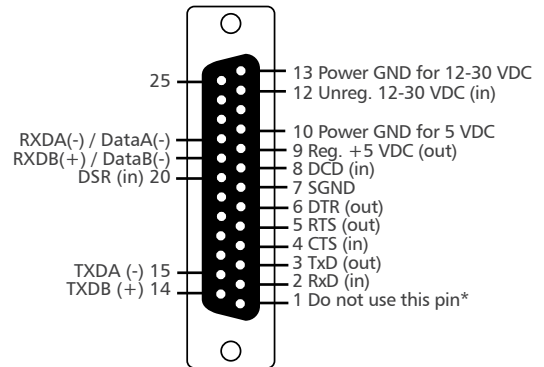
DB9 RS-232/422/485 port



PIN	RS-232	RS-422	RS-485 (2W)
1	DCD	RxD-(A)	----
2	TxD	RxD+(B)	----
3	RxD	TxD+(B)	Data+(B)
4	DSR	TxD-(A)	Data-(A)
5	GND	GND	GND
6	DTR	CTS-(A)	----
7	CTS	CTS+(B)	----
8	RTS	RTS+(B)	----
9	----	RTS-(A)	----

### DE-211

DB25 RS-232/422/485 port



\* This pin is reserved debugging. Connections this pin yourself result in irreparable damage to your device.

