# NetCom 211 PoE

## 2-Port RS232 Serial Device Server with PoE

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| **Hardware** | |
| Processor | ARM 7 TDMI 50MHz |
| I/O Controller | 16C550C or compatible |
| Memory | 8MB SDRAM, 1 MB Flash |
| Connector Type | RJ45 for LAN, 2 x RJ45 -8pin for serial portt |
| **Interface** | |
| WLAN Interface | Auto-detecting 10BaseT/100BaseTx |
| Protocols | TCP/IP, UDP, Telnet, DHCP, ICMP, HTTP, SNMP V1/2c/3, DNS |
| Serial Interface | 2 x RS232 |
| No. of Port | 2, Speed up to 460Kbps |
| Available Modes | RS232 full duplex |
| Signals | TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND |
| **Performance** | |
| Speed | Up to 460Kbps |
| Parity | None, even, odd, space, mark |
| Data Bits | 5, 6, 7, 8 |
| Stop Bits | 1, 1.5, 2 |
| IRQ | None |
| I/O Address | None |
| **Operating Modes** | |
| Driver Mode | VScom Driver for Windows NT 4.0, 2000 up to 7, Server 2000 up to 2008 R2, both x86 and x64 Editions.<br>The Driver creates a virtual Com port, using Vscom NetCom protocol. |
| TCP Raw Server | Raw data transfer over TCP/IP. Accepts multiple incoming connections. |
| TCP Raw Client | Raw data transfer over TCP/IP. Connects to multiple hosts or devices waiting for incoming connections. |
| TCP Advanced Settings | Special settings for user-defined modes. |
| UDP Mode | Raw data transfer by UDP. The NetCom is client and server at the same time. With the timeout functionality and a configurable trigger string it can make defined UDP packets of incoming data. |
| Null Modem Tunnel | Connecting two NetCom used as virtual null modem cable. |
| IP Modem | The serial port emulates a standard modem. Operates by AT-commands, and dials to IP-Addresses instead of phone numbers.<br>Windows "INF"-Driver provided for installation. |
| Print Server | The NetCom accepts print jobs, and spools them to the attached serial printer. Operates as of RFC1197, similar to the line printer daemon in Unix-systems |
| **Special Features** | |
| Installation | Configuration utility automatically finds NetCom devices in the network |
| Operating Mode | Automatic mode switching between Driver and TCP RAW mode.<br>With TCP Advanced settings it is possible to configure the NetCom for using it in multiple modes, so it decides automatically which mode should be used. |
| Configuration | Configuration over Driver Panels, NetCom Manager, WEB Browser, serial console, Telnet, SNMP |
| SNMP | Special VScom MIB included |
| Art | No |
| DNS | Domain Name Server support |
| Firewall | Special precautions for Firewall environments |
| Firmware | Firmware update over WEB Browser, Telnet, ComPort |
| LEDs | LEDs for Power, Tx, Rx, LAN Link, LAN Speed |
| **Security** | |
| Password Access | Every capabilities of configuration use the same password including SNMP V3 |
| **Power and Environment** | |
| Power Requirements | Dual Power supply<br>◆ Power over Ethernet IEEE 802.3af, Class 2 (Low power)<br>◆ Auxiliary power 9 - 30V DC, 250mA @ 12V<br>Precedence is on PoE supply. With both sources available the external DC power is used as backup power source. |

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| Power Supply Adapter | 12V DC 1A (optional, not included) |
| Operating Temp. | 0°C - 60°C |
| Storage Temp. | – 20°C - 85°C |
| Case | SECC sheet metal 1mm |
| Dimension | 73×115×27 mm³ (W×L×H); 101×115×27 mm³ with DB9 connector and ears |
| Weight | 300 g |
| **Approvals** | |
| EMC | FCC Class A, CE Class A |
| Environment | RoHS |
| **Ordering Information** | |
| Art. No. | 6667 |
| Product Name | NetCom 211 PoE |
| Packing List | ◆ NetCom 211 PoE<br>◆ CD-ROM with Driver and configuration software<br>◆ 2 x RJ45 8-pin to DSUB 9 male RS232 cable 1m<br>◆ Printed Quick Installation Guide |
| Optional Accessories | ◆ DK 35A (Art No. 662) - DIN-Rail mounting kit<br>◆ 9PF-9PF (Art No. 661) Serial Adapter - RS232 Null-Modem adapter, change male to female<br>◆ DC Power supply Adapter - Power supply adapter, Input AC 220V, Output DC 12V, 1A |

## Overview

NetCom 211 PoE is an industrial-strength network-based serial device server for connecting two RS232 devices like CNC, PLC, weighting scale, scanner and other devices directly to the 10/100Mbps Ethernet network running TCP/IP.

On NetCom 211 PoE the feature of PoE (Power-over-Ethernet, IEEE 802.3af) allows to supply the NetCom via the Ethernet cable. This simplifies the cable connections on hard-to-reach locations. An external power adapter is not required, but available as an optional accessory.

In addition to allowing serial devices to get networked, any host (PC Server or Workstation) without network access can also access remote serial device via adding NetCom devices to the existing serial port. NetCom 211 PoE can be configured over Driver Panels, WEB Browser, serial Port, Telnet, SNMP and serves as a transparent serial channel without platform and distance limitation.



You can purchase VSCOM's products easily from a wide variety of leading technology distributors or partners.
Please contact us to find the best ordering method for your needs.