

Introduction

The DS202R is the newest member of Tibbo **Serial Device Server** family. The DS202 offers full backward compatibility with the original DS100 Serial Device Server. Notable enhancements include 100BaseT Ethernet port, large routing buffers, additional programming modes, wide supply voltage range and significantly smaller external dimensions.

The DS202 is internally based on the EM202-EV Ethernet-to-Serial Board (and EM202 Module).



Features

- Stylish and very compact, external dimensions only **60x47x30mm**
- Extended power supply range: **10-25VDC**
- One **100BaseT** Ethernet port
- One RS232 serial port (TX, RX, RTS, CTS, DTR, DST)
- RTS, CTS, DTR, and DSR lines can be used as remotely controlled I/O
- Six LEDs display status information
- Extended **12KByte** internal routing buffers
- Onboard EEPROM stores numerous user-definable functioning parameters (Setting)
- Supported network protocols include UDP, TCP, ARP, ICMP (PING) and DHCP
- Setup (programming) through the serial port or network (over-the-network IP-address configuration is also supported). Network setup can be performed using UDP commands or **"Telnet"** TCP connection
- Specialized "on-the-fly" commands for serial port control, "modem" commands to control network connections, status commands for remote status monitoring, etc.
- Internal firmware is upgradeable through the serial port or network
- Supplied with Device Server Toolkit (DST) for *Windows*, including Virtual Serial Port Driver (VSPD) (COM redirector)
- LINUX version of the VSPD is also available
- Works with TIBBO.NET
- DS202-SK Starter Kit available
- CE- and FCC-approved