Introduction

The **DS100R** is a Serial Device Server that externally connects any existing serial device to an Ethernet (TCP/IP) network.

DS100 features a compact and stylish design and is supplied in two versions: **DS100R** with RS232 serial port and DS100B with universal RS232/422/485 serial port. The Server is based on the EM100 Ethernet Module.

The **DS100** can be used to network-enable all kinds of serial devices, such as data collection & security terminals, barcode scanners, electronic signboards, POS systems, laboratory instruments, etc.

Applications

- Data collection and security terminals
- Remote sensors and meters
- Auto-ID scanners
- Electronic signboards
- Vending machines
- POS systems
- Laboratory instruments
- Serial printers
- PBX stations

Features

- Provides a bridge between the 10BaseT Ethernet and the RS232 port
- Allows connection of RS232 based products to a network
- Supports a subset of a standard TCP/IP protocol stack
- Ideally suited for command/reply style (packet based) serial communications protocol
- Many adjustable functioning parameters and internal non-volatile memory
- Supplied with virtual serial port driver for Windows. Existing PC software can be used without any modification
- Compact attractive design - Dimensions: 95x57x30mm
- Fully compatible with the EM100 Embedded Ethernet Module
- Internal firmware can be upgraded in the field
- FCC/CE approved