



Device Server

- ▶ Connects multiple devices to a single network
- ▶ Cost-efficient flexible solution to networking serial devices
- ▶ (4) DB9M, RS-232, RS-422, and RS-485 serial ports
- ▶ 10/100Base-T Ethernet interface serial ports
- ▶ Dedicated and character-initiated host connections
- ▶ Easy management from any browser

Remotely Monitor, Manage, and Share Connected Devices Over a Network or the Internet.

The MSS4 is a flexible, four-port Device Server™ that empowers isolated intelligent devices to leverage their serial interfaces and communicate over Ethernet or Internet networks using reliable network protocols.

The MSS4 is a robust, cost-effective, high quality solution for serial to Ethernet connectivity. It employs proven Lantronix technology to network-enable products used in diverse markets such as:

- Retail/Point of Sale
- Medical Instrumentation
- Commercial Buildings
- Security Systems
- Manufacturing/Automation

Virtually any asynchronous serial device can be accessed over a network through the MSS4's 10/100Base-T Ethernet network interface, giving you complete control and monitoring capabilities.

The four serial ports independently accommodate RS-232, RS-422, or RS-485 devices – making it an ideal solution for a variety of applications and environments. The MSS4 is easy to configure and provides advanced serial data handling features required for sensitive data communication applications.

The MSS4 allows easy management and setup from virtually anywhere using a standard browser. The included Redirection software simplifies your integration process by extending the functionality of your Com Port based Windows® applications. The MSS4 can also be managed using Telnet, SNMP, the serial port or Lantronix supplied Windows® GUI application EzWebCon™.





Features

Supported Devices

RS-232/RS-422/RS-485 asynchronous serial devices

Protocols

TCP/IP, ARP, UDP, ICMP, SNMP, DHCP, TFTP, HTTP, FTP

Network Interface

1 10/100 RJ45

Serial Interface

4 DB9M DTE ports

Serial Speeds

300bps to 230Kbps

Flow Control

Software: XON/XOFF
Hardware: CTS/RTS

Modem Controls

RTS, CTS, DSR, DTR

Management

Telnet
Serial Port
DHCP
SNMP
Internal Web Server
EZWebCon™ Management Software

Firmware

Flash ROM, downloadable from:
EZWebCon™
TCP/IP host (TFTP)

Diagnostic LEDs

Link (10/100)
OK
Serial ports 1 – 4 active

Compatibility

Ethernet version 2.0/IEEE 802.3
Ethernet version 2/IEEE
802.3/IEEE 802.3u

Power

9-30VDC
1.84A max. @ 12VDC with all options
(12VDC universal adapter included)

Operating Temperature

5° to 50° C (41° to 122°F)

Storage Temperature

-40° to 66° C (-40° to 151°F)

Dimensions (L x W x H)

13.9 x 23.6 x 3.3cm (5.5 x 9.3 x 1.3in)

Weight

0.51kg (1 lb 2 oz)

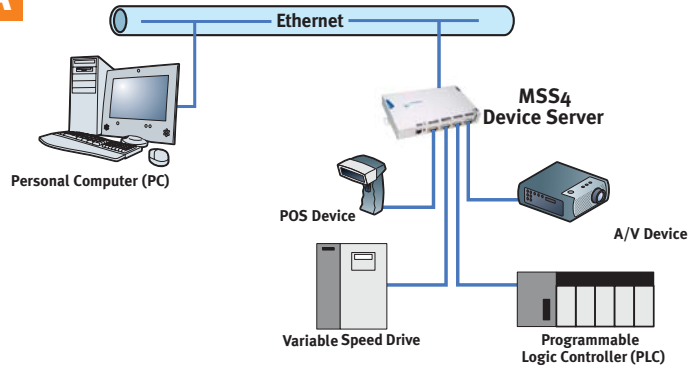
Shipping Dimensions (L x W x H)

20.9 x 27.9 x 13.9cm (8.25 x 11 x 5.5in)

Example Configurations

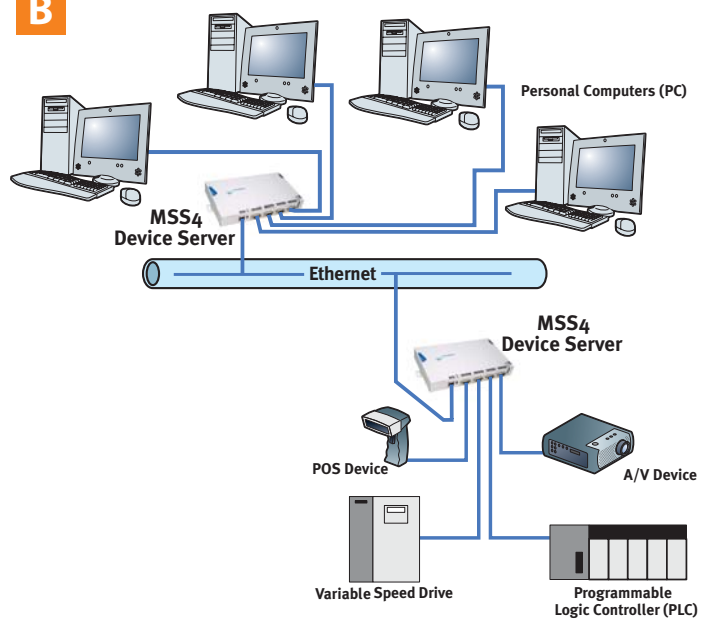
A

DIRECT TCP/IP OR REDIRECTOR CONFIGURATION



B

SERIAL TUNNELING CONFIGURATION



Shipping Weight

0.59kg (1 lb. 5 oz)

Approvals

FCC (A), C/UL, TUV, CE (A)

Warranty

1-year limited warranty

Model Number

MSS4-D-11: 10/100 Device Server, 4 DB9M
RS-232/RS-485 serial port, 1 10/100 RJ45 networking
port, diagnostic LEDs, external
100-240VAC wall cube power supply

Applications

Industrial Automation
Security Systems
Retail Point of Sale
UPS Management
Bar Code Readers
Medical Instruments



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