



## 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.

Designed to accommodate the unique requirements of the Retail POS, Security, Automation, and Medical marketplaces.

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 MSS-4 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 (H x W x D)**

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

**Weight**

0.51kg (1 lb 2 oz)

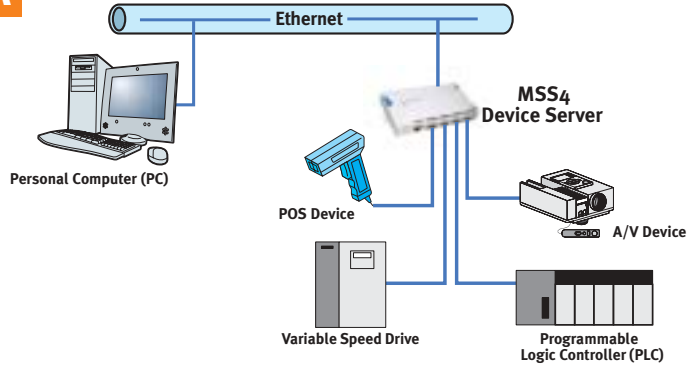
**Shipping Dimensions (H x W x D)**

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

**Example Configurations**

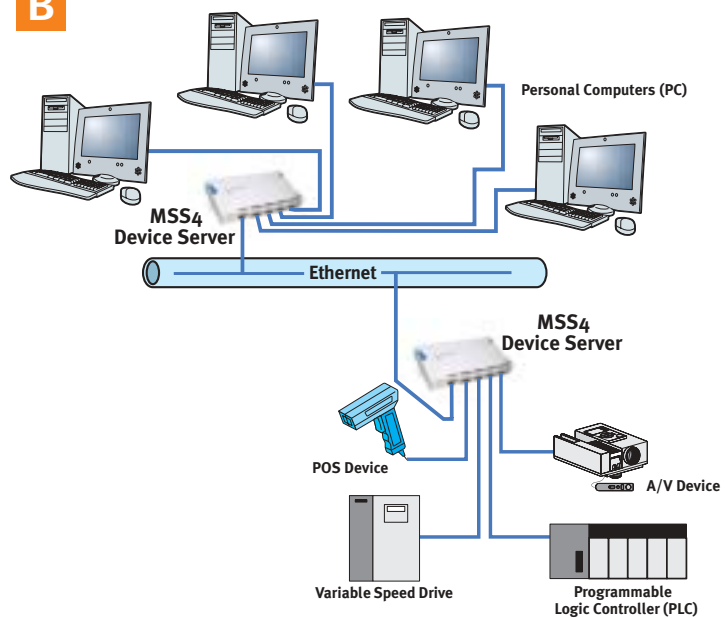
**A**

**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-01: 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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