



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)

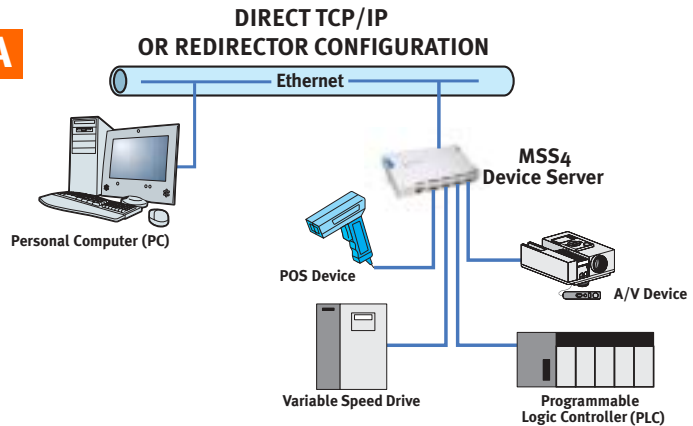
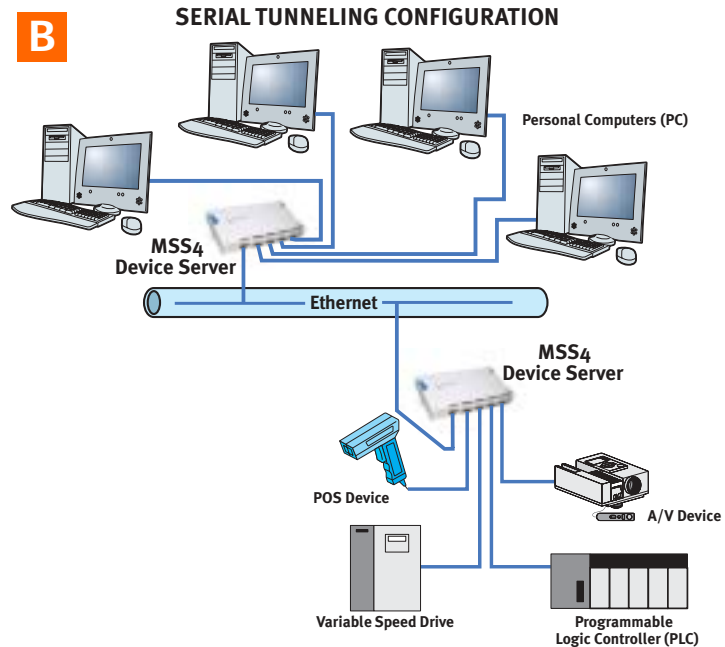
Weight

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

B


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

LANTRONIX®

15353 Barranca Parkway | Irvine | CA 92618 | USA | Tel: 949.453.3990 | Fax: 949.453.3995 | www.lantronix.com

© 2005 Lantronix is a registered trademark of Lantronix, Inc. ActiveLinX is a trademark of Lantronix, Inc. All other trademarks are the property of their respective owners. Specifications subject to change without notice. All rights reserved.

910-358 01/05 PDF