



## 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)

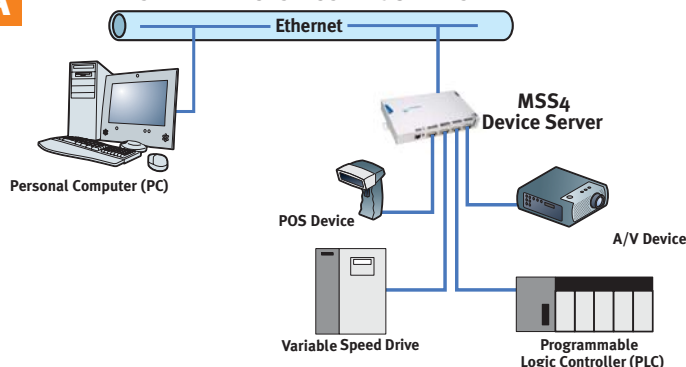
### Shipping Dimensions (L x W x H)

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

## Example Configurations

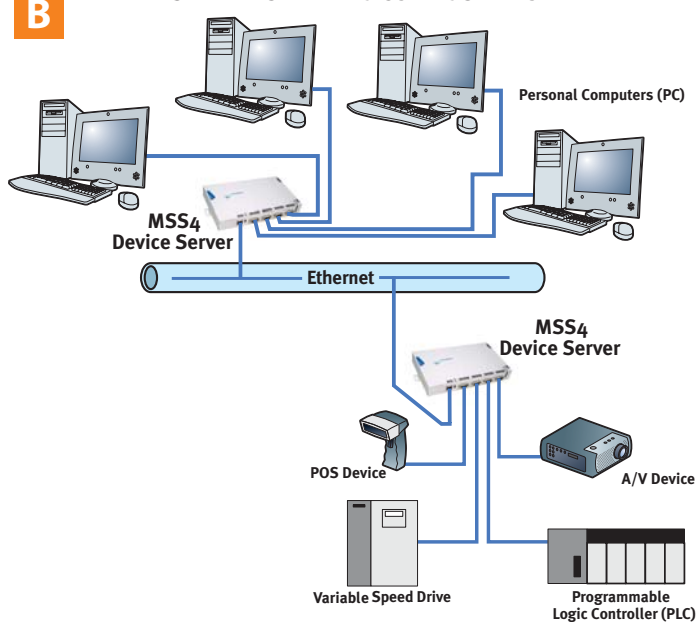
A

### 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

# LANTRONIX®

15353 Barranca Parkway | Irvine | CA 92618 | USA | Tel: 800.422.7055 | Fax: 949.450.7232 | [www.lantronix.com](http://www.lantronix.com)

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Components Supply Platform

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Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct     +86 (21) 6401-6692  
  
Email        amall@ameya360.com  
  
QQ            800077892  
  
Skype        ameyasales1 ameyasales2

➤ Customer Service :

Email        service@ameya360.com

➤ Partnership :

Tel            +86 (21) 64016692-8333  
  
Email        mkt@ameya360.com