



MSS Device Servers

The MSS Device Server family of products provides the user with the most cost-effective and complete serial-connectivity solution set available today. Whether it be via RS-232, RS-422, RS-423 or RS-485, the MSS family makes it easy to network-enable any device with a serial interface.

- TCP/IP (Unix), IPX (Novell), LAT (DEC) support
- DB25 (MSS1-T and MSS1-T2) or RJ45/screw block (MSS485-T) serial interfaces
- RJ45 (10BASE-T) network interface (10BASE2 additional on MSS1-T2)
- Wide variety of port and network configuration options
- Management via Telnet, SNMP, DHCP, and EZWebCon, Lantronix's management software
- Automatic network connection on power up or during restarts
- CD-ROM with EZWebCon software and Comm Port Redirector software
- Flash ROM for easy software upgrades

MSS485/MSS1-T/MSS1-T2

Protocols Supported

TCP/IP (Unix), IPX (Novell NetWare), LAT (DEC)

Network Interface

MSS485 supports RJ45 10BASE-T

connector

MSS1-T supports 10BASE-T (RJ45) connections

MSS1-T2 supports 10BASE-T (RJ45) and 10BASE2 (BNC) connections

Serial Interface

MSS485: RS-485 selectable RJ45

port/connector block with screw-

type terminals DB9 console

(RS-423/RS-232) port for

configuration and monitoring

MSS1-T/MSS1-T2: 1 RS-423/RS-232

DB25-male connector

Data Rates

Serial speeds up to 115.2 kbps

Serial Line Formats

Characters: 7 or 8 data bits

Stop bits: 1 or 2

Parity: odd, even, mark, space, or none.

Flow Control

XON/XOFF

Hardware flow control

Modem Control

RTS, CTS, DSR, DTR

Device Support

Supports any RS-485 serial port

device requiring Ethernet access

Management

SNMP Compatible: Supports MIB II

EZWebCon, Lantronix's

management software

DHCP

Telnet and LAT logins

MSS1-T/MSS1-T2: Telnet and

DECnet logins

System Firmware

MSS485: Flash ROM Standard:

downloadable from a TCP/IP host

(TFTP download), DECnet host

(MOP download) or NetWare

file server

MSS1-T/MSS1-T2: Flash ROM

Standard: downloadable from a

TCP/IP host (TFTP download),

DECnet host (MOP download) or

NetWare file server

Diagnostic LEDs

Good Link,

Unit OK,

Power

Serial Activity

Compatibility

Ethernet version 2/IEEE 802.3

Power Requirements

6VDC @ 0.7A (external adapter

included)

Environmental

Operating Temperature

5° to 50°C (41° to 122°F)

Storage Temperature

-40° to 66°C (-40° to 151°F)

Physical Dimensions (H x W x D)

5.75 x 4.25 x 0.8 in

(15 x 11 x 2.5cm)

Shipping Dimensions (H x W x D)

4.375 x 9 x 9.375 in

(11.13 x 11.86 x 18.73 cm)

Weight:

MSS485: 3.1 lbs. (1.4 Kg)

MSS1-T: 3.1 lbs (1.4 Kg)

MSS1-T2: 3.2 lbs. (1.45 Kg)

Agency Approvals

FCC A, UL, CSA, TUV, CE

Warranty

5-year limited warranty

Ordering Information

MSS1-T-01

Device server, 1 DB25 (RS-423/

RS-232) serial port, 1 RJ45

(10BASE-T) networking port,

diagnostic LEDs, Installation

Guide, CD-ROM with EZWebCon

software, Comm Port Redirector

software and reference manual,

external 120VAC power supply

MSS1-T-02

Same as above with 220VAC

power supply

MSS1-T-2-01

Device server, 1 DB25 (RS423/

RS-232) serial port, 1 RJ45

(10BASE-T) and BNC (10BASE2)

networking ports, diagnostic

LEDs, Installation Guide,

CD-ROM with EZWebCon

software, Comm Port Redirector

software and reference manual,

external 120VAC power supply

MSS1-T2-02

Same as above with 220VAC

power supply

MSS485-T-01

Device server, 1 RJ45/Screw

terminal (RS-485/RS-422) serial

port, 1 DB9 (RS-232) console

port, 1 RJ45 (10BASE-T)

networking port, diagnostic LEDs,

Installation Guide, CD-ROM with

EZWebCon software, Comm Port

Redirector software and reference

manual, external 120VAC

power supply

MSS485-T-02

Same as above with 220VAC

power supply

MSS



North American Sales

15353 Barranca Parkway

Irvine, CA 92618, USA

949 453 3990

949 453 3995 fax

www.lantronix.com

Direct Sales

800 422 7055

Reseller Sales

800 422 7015

sales@lantronix.com

International Sales

949 450 7227

949 450 7231 fax

intsales@lantronix.com

Asia Pacific

+65 447 4222

+65 344 0614 fax

Europe

+31 76 565 8176

+31 76 565 8179 fax

Specifications