



#### 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

**Diganostic 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

# Specifications

**LANTRONIX**

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