



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

MSS



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Specifications