

MSS100

Universal Thin Servers



MSS100 Universal Thin Server

Lantronix's MSS100 is a UniversalThin Server for 10/100 Ethernet/Fast Ethernet applications. The unit features a DB25 with full modem controls and a 10/100 RJ45 network interface. The MSS100 makes it easy to network-enable any device with a serial interface.

- TCP/IP (Unix), IPX (Novell NetWare), LAT (DEC) support
- DB25 serial port with full modem controls and speeds up to 230 Kbps
- 10/100 RJ45 network interface
- Wide variety of port and network configuration options
- Management via telnet, SNMP, DHCP, and EZWebCon, Lantronix's own web-based management software
- Flash ROM for easy software upgrades
- CD-ROM with EZWebCon and comm port redirector software

MSS100 Specifications

MSS100

PROTOCOLS SUPPORTED:

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

COMPATIBILITY:

Ethernet version 2/IEEE 802.3/IEEE 802.3u

DEVICE SUPPORT:

Supports any RS-423/RS-232 serial port
device requiring Ethernet access

NETWORK INTERFACE:

1 10/100 RJ45

SERIAL INTERFACE:

1 DB25 serial port

DATA RATES:

Serial speeds up to 230 Kbps

MODEM CONTROLS:

RTS, CTS, DSR, DTR

FLOW CONTROL:

XON/XOFF
Hardware flow control

MANAGEMENT:

SNMP compatible
EZWebCon, Lantronix's web-based
configuration utility
telnet and LAT logins
DHCP

SOFTWARE:

Flash ROM standard: new software can
be downloaded from a TCP/IP host
(TFTP download) DECNET host
(MOP download) or NetWare file server

DIAGNOSTIC LEDs:

Good Link
OK
Power
Speed
Received Data

PHYSICAL DIMENSIONS:

H 2.3 cm x W 6.4 cm x D 9.0 cm
(0.9 in x 2.5 in x 3.5 in)
Weight: .35 Kg (.8 lbs)

SHIPPING DIMENSIONS:

H 11.5 cm x W 24.2 cm x D 19.1 cm
(4.5 in x 9.5 in x 7.5 in)
Weight: 1.5 Kg (3.0 lbs)

POWER REQUIREMENTS:

5VDC @ 1.0A (external AC adapter
included)

ENVIRONMENTAL:

Operating Temperature: 5° to 50°C
(41° to 122°F)
Storage Temperature: -40° to 66°C
(-40° to 151°F)

AGENCY APPROVALS:

FCC A, C/UL, TUV, CE A

WARRANTY:

5-year limited

ORDERING INFORMATION

MSS100-01 10/100 Universal thin server, 1 DB25
(RS-423/RS-232) serial port, 1 10/100
RJ45 networking port, diagnostic LEDs,
Installation Guide, CD-ROM with
EZWebCon software, comm port
redirector software and reference manual,
external 120VAC power supply

MSS100-02 Same as above with 220VAC
power supply

The following are just a few of the
applications where Lantronix's Universal
Thin Server technology is being used:

- Blood analyzers
- LAN security devices
- PBX accounting systems
- Card readers in debit systems
- Remote power management controllers
- Telecommunications equipment
- Displays in call centers
- Security alarms
- Time and attendance clocks and terminals
- Badge access control
- Customer traffic measurement
- UPS management devices
- High-end fax machines
- Electronic key systems
- Radiation equipment
- Marine equipment aboard ships
- Video cameras for ATM surveillance
- Vending machines
- Data loggers
- Static control boards
- Postal equipment
- CNC machines in machine shops
- Electronic signboards
- Temperature monitoring devices
- Chemical & gas chromatography
instrumentation
- Oil rig monitors
- Satellite receivers
- Serial devices on wireless station adapters
- ATM machines on cruise ships
- Warehouse inventory tracking devices
- Unix workstations console port
- Refrigeration and heating controls
- Bar code scanners
- Heart monitors
- Electronic maps
- Power meter measurement devices
- Oil and gas automation
- Battery monitors
- Robotic controls
- Chemical monitors in pools
- Modems (character-mode)
- Weather stations
- Rocket launch pad telemetry equipment

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