microplex

M307 10/100 Ethernet Single Port Print Server

The M307 pocket-sized print server plugs directly into your printer, making it a network printer.

Networking Printers Saves You Money

Now you can convert your stand-alone printer, which serviced one user, into a Network Printer which can service multiple users! Simply attach a M307 Ethernet Print Server to your printer's parallel port. You can now locate the printer anywhere on a 10 Base-T or 100 Base-T LAN. After following some simple configuration steps, the printer can be simultaneously shared with users on a TCP/IP Network.

Key Features

- Simultaneous support of multiple users and multiple Operating Systems.
- Fully manageable from your web browser!
- Easy firmware upgrades.
- Multi-level configuration security through passwords, permission levels and access lists.
- Standard features such as ASCII to PostScript conversion, multiple virtual printer destinations, SMTP email status reporting, page counting, extensive header and trailer strings and more!

Microplex Installation and Management Options

Use built-in HTML forms for easy cross platform configuration with any web browser as well as software tools such as:

Waldo, a TCP/IP configuration tool which locates Microplex devices on the network and allows one to monitor or configure them on a TCP/IP network. The software is a Java stand-alone program.

The M307 includes a detailed and easy-to-use command shell "npsh" and allows remote management through Telnet sessions, "rsh/rcmd/remsh" commands, SNMP and predefined log methods; and has extensive built-in troubleshooting tools.

Microplex has developed its own SNMP custom MIB, which, together with support for MIB II, means the M307 can be fully managed using standards-based SNMP managers such as HP's *Open View*, Sun's *Sun Net Manager* and Castle Rock's *SNMPc*.

The Right Technology for Networking your Printers

By uniting a feature-packed print server with intuitive management and configuration tools, Microplex Systems has developed the premiere solution for networking stand-alone printers.

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Network Printing Environments

Windows
Windows NT/2000/XP/2003 and Windows 98/ME using TCP/IP

Unix
All system V and BSD based systems including Linux, Solaris, SunOS, HP/UX, IBM AIX, SCO, Dec Ultrix, SGI Iris, and DG/UX.

Novell
Netware 5.x and 6 using LPR

Apple
OS 9 and X using LPR

Protocols/Standards Supported
TCP/IP, ARP, BOOTP, FTPD, GOSIP, ICMP, lpr/lpd, ping, RARP, rsh/rcmd/remsh, SMTP, SNMP, telnet, UDP, DHCP

Ethernet
802.2, 802.3, 802.2/SNAP, and Ethernet II

Management Features
- Windows management and installation utility (MPS and Waldo)
- SNMP MIB II and custom MIB support
- User defined printer names
- Root/user password protection
- User configurable log information
- Automated installation script
- Remote management: rsh/rcmd/remsh support and via Telnet
- Comprehensive diagnostic commands

Other Features
- ASCII to PostScript conversion
- Extensive header and trailer strings
- CR to CR and LF mapping
- Multiple printer destinations/queues
- Logging and page counting
- SMTP email status reporting
- Auto-switching of printer emulation mode
- IP packet fragmentation
- Header or trailer banner page generation
- Print job processing on host or print server
- GOSIP compliance

Technical Specifications

Remote Status Monitoring
Printer status and settings such as Busy, Error, On-line or Paper-out available through Telnet or rsh/rcmd/remsh.

Printer Port
1 parallel port: 600,000+ cps, IEEE 1284 bi-directional male PA36 connector.

Printer Compatibility
Supports all Centronics compatible parallel interfaces.

Network Connections
10/100 Base-T Ethernet female RJ45 connector.

Weight
Without external transformer 68g (0.15 lbs.)

Dimensions
5.5cmW x 3cm H x 8.5cmD
(2.1"W x 1.2" H x 3.25"D)

Power Supply
External transformer (120V/60Hz or 220V/50Hz)

Environment
0°C - 50°C operating, -40°C - 70°C storage, 95% maximum humidity, non-condensing.

Certification
FCC Class A Compliance, CE Mark Class B, CSA, UL and VDE approved.

Warranty
1 year parts and labour.

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Expanding Computer Connectivity

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M307 Front View

M307 Rear View

V1.0