



## M302 PCMCIA Print Server

*Setting new standards for Performance, Flexibility, Compatibility, and Efficiency.*



### ***Innovation***

The M302 PCMCIA Print Server is the second generation multi-port print server to utilize PCMCIA technology. With a PCMCIA Type II slot, the M302 can be used with a number of 802.11b PCMCIA wireless cards. Example: Cisco's Aironet 35x series PCMCIA cards. Please check the support website for a list of supported PCMCIA cards.

### ***Flexibility***

The flexibility offered by the M302's PCMCIA slot helps to minimize product obsolescence. As your requirements and technology

change, the M302 can adapt easily to meet those needs. With subsequent firmware releases, the M302 will be capable of supporting other network types and emerging technologies by simply as plugging in a different PCMCIA card.

### ***Compatibility***

The M302's adherence to industry standard networking, printing, and management protocols ensures total compatibility across a wide range of hardware platforms and operating systems. Unix, Novell, Apple, Windows, PCs and mainframes can all share the same printers.

### ***Efficiency***

The M302 is fully manageable from your web browser. Firmware is easily upgraded via FTP. The M302 features high performance, two ports, logging, page counting, eight printer destinations, extensive security, and status monitoring via SNMP and SMTP. Providing a network connection that will fully utilize the potential of your printers and plotters. For increased efficiency, better management, and reduced costs in your printing environment, choose the M302 PCMCIA print server.

# M302 PCMCIA Print Server

## Protocols/Standards Supported

- TCP/IP, ARP, BOOTP, FTPD, GOSIP, ICMP, lpr/lpd, ping, RARP, rsh/rcmd/remsh, SLIP, SMTP, SNMP, telnet, UDP
- Novell NetWare lpr printing
- 802.2, 802.3, 802.2/SNAP, and Ethernet II with auto frame type sensing
- Windows
- Apple OS lpr printing

## Management Features

- SNMP MIB II and custom MIB support
- COM port console management
- user defined printer names
- root/user password protection
- user configurable log information
- automated installation script
- back-channeling for enhanced printer status
- remote mgmt: rsh/rcmd/remsh support, telnet
- terminal server support on COM port
- leased line and dial-in SLIP support
- extensive diagnostic commands
- easy upgrade via FTP

## Additional Functionality

- 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
- syslogd support
- banner page generation
- print job processing on host or print server
- GOSIP compliant

## Technical Specifications

### Queuing

**TPC/IP** - up to 256 simultaneous hosts.

### Remote Status Monitoring

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

### Number of Ports

1 parallel port: IEEE 1284 bi-directional nibble mode, female DB25 connector.

1 serial ports: bi-directional, male DE09 connector.

### Printer Support

Support all RS-232C IBM PC compatible parallel interfaces, and Centronics with standard parallel adapter cable.

### Network Connection

**Ethernet:** 10/100 Base-T Ethernet female RJ45 connector

### Network Connection Options

**Ethernet:** 802.11B Wireless with PCMCIA card.

### PCMCIA Slot

PCMCIA 2.0 with DMA.

### Dimensions

Metric - 9.9 cm W x 3 cm H x 13.5 cm D

Imperial - 3.9" W x 1.2" H x 5.3" D

### Weight

With external transformer - 1.8 kg, 4 lbs

Without external transformer - 1 kg, 2.2 lbs

### Power Supply

Available with external D.C. power supplies for most voltages and frequencies (120V/60Hz - 220V/50Hz).

### Environmental

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

### Certification

FCC Part 15 Class A compliance, CSA, UL, and VDE approved.

### Warranty

1 year parts and labour.



M302 Rear Panel View

**Expanding Computer  
Connectivity**

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