



PocketPro 100S Print Server

The PocketPro 100S multiprotocol print server is ideal for connecting any parallel printer to a 100BASE-T or 10BASE-T network. It is designed for Enterprise Printer Connectivity environments, but it is also a cost-effective solution for SMB (Small Medium Business) and SOHO (Small Office Home Office) applications. The PocketPro 100S is very easy to use, and is suitable for any application that requires reliability, performance, manageability and great support. It provides flexible printer placement and it works with all popular computers and network operating systems. The PocketPro 100S is based on field-proven TROY print server technology that is used at major customer sites throughout the world.

Superior Performance

The PocketPro 100S can increase users productivity by shortening their print waiting times. Now IT managers can avoid buying a faster printer by fully utilizing their existing printer speeds. When it comes to printing graphics documents, the PocketPro 100S can handle the toughest jobs in the shortest amount of time.

Flexible Solution

The PocketPro 100S is printer independent, allowing you to connect any parallel printer to the network. This gives you the flexibility to implement printers that meet your needs without being concerned about network print services. In addition, you can print simultaneously from multiple network protocols, providing the performance, flexibility and convenience required in today's diverse network printing environments.

Integration With Your Printer Management Strategy

TROY print servers deliver built-in compatibility with your choice of enterprise, LAN or user management tools. Open Management Architecture provides the ability to monitor printers at any management level with unprecedented ease and vision. No matter what your network management plan, TROY will support your strategy.

Investment Guarantee

TROY print servers are upgradeable—protecting you as your network grows and changes. All TROY products contain Flash memory, enabling you to download product enhancements from a single location, saving valuable time.

About TROY Group

TROY Group, Inc. is a worldwide provider of enterprise output solutions. The Company has three main product lines: Security Printing solutions, Financial Services solutions and Wireless and Connectivity solutions.

Security Printing solutions include high-security check printing hardware, software and consumables for security printing and payment applications. Financial Services products include ACH processing and origination software, check conversion software as well as Internet check payment software and services. Wireless and Connectivity solutions include hardware and software solutions that enable enterprises to share intelligent devices, such as printers, either wirelessly or using traditional networks. The Company distributes products to major corporations, banks, key government accounts and distributors worldwide. Visit TROY at www.troygroup.com.

*Cost-Effective Direct-Connect
Print Server Delivering Fast,
Reliable Network Printing*

*Wireless and
Connectivity
Solutions*



Performance. Security. Quality. TROY sets the standard for wireless and connectivity solutions.

PocketPro 100S Print Server



Mechanical

- Size: 8.6 x 6.5 x 2.9 cm (3.4 x 2.6 x 1.1 inches)

Electrical:

- Input power: 350mA@5VDC

I/O:

- IEEE P1284 bidirectional Centronics-compatible parallel
- 10baseT/100baseTX Auto-Sensing Ethernet

Environmental:

Temperature:

- Operating temperature: 0° to 50° C
- Storage temperature: -20° to 60° C
- Maximum temperature change per hour: 20° C

Altitude:

- Operating: 3.1 km
- Storage: 9.1km

Relative Humidity:

- Operating: 10% to 90% non-condensing (40 to 60% recommended)
- Storage: 10% to 90% non-condensing

Network Ports:

- Supports standard Ethernet/Fast Ethernet connections: twisted-pair RJ45 (10/100Base-T)

Output Port (all models):

- 1 Bidirectional, IEEE-1284 Centronics parallel port

Protocols:

TCP/IP and Windows

- Supports lpr/lpd network printing protocol
- Supports raw printer port (for example, Port 9100)
- Supports NetBIOS over IP and NetBEUI
- Supports telnet and ftp
- Supports SNMP V1, MIB I & II
- Supports IPP protocol (Internet printing)
- Supports peer-to-peer printing (direct printing) via the Microsoft DLC, TCP/IP or IPX/SPX protocols with ExtendNet Connect

EtherTalk mode

- Supports Macintosh System 6.X, 7.X, 8.X, 9.X, MacOS 10.X (including Jaguar)
- Supports EtherTalk Phase 2
- Supports Apple LaserWriter driver 8.X and above (PostScript printer required)
- Supports PostScript-compatible laser printers
- Supports most HP, Epson, and Canon inkjet printers

NetWare mode

- Simultaneously supports Novell NetWare, NDS & NDPS
- Supports NDPS via Novell's Generic Gateway or HP's Printer Gateway
- Supports packet signatures, checksums and aliasing
- Supports dedicated print server and remote printer modes
- Supports encrypted passwords
- Supports up to eight file servers and up to 32 queues
- Supports automatic file server reattachment

PocketPro 100S Print Server Management Tools:

Enterprise Management Tools

- Supports any PC-based SNMP application (For example, HP OpenView, IBM NetView and Sun SunNet Manager)
- Supports Private MIB

LAN Administration Tools

- ExtendView Utilities – TROY utilities which provide simple configuration and management capabilities. ExtendView also displays system, network and printer status information via SNMP traps
 - ExtendView for TCP/IP
 - ExtendView for NDS (snaps into Novell NWAdmin)
 - ExtendView for NetWare
 - ExtendView for UNIX (Linux 2.0.34, Solaris 2.6, SunOS 4.1.3, HPUX 10.20)
- NetworkAlert™ Utilities – TROY utilities which assist in managing network printers by proactively alerting you of printer problems via SNMP traps. Integrates into ExtendView for advanced diagnostic and configuration information
- XAdmin32, XAdmin – Compatibility with legacy TROY Print Server Administration utilities
- WebXAdmin – Web Browser allows print server configuration and management
- HP JetAdmin and HP Web JetAdmin – allows print server configuration and management
- Novell ManageWise

User Printing Status and Monitoring

- HP JetAdmin and Web JetAdmin for printer and print server status information
- WebXAdmin for printer and print server status information

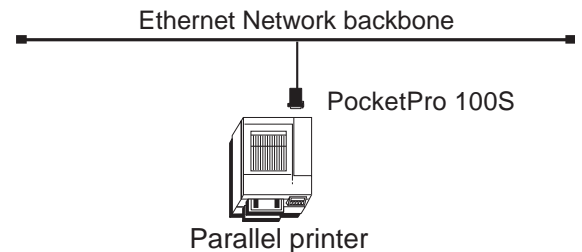
Other Features:

- LED's to indicate power-on, link, activity
- lpd-Plus virtual printer capability (allows complex user-defined setup and reset strings configurable on a per-service basis)
- Text-to-PostScript conversion on a per-service basis
- Programmable character string conversion
- IP security (ability to restrict access to print server based on IP address)
- Configurable TCP port numbers on a per-service basis
- IP address configuration via arp, rarp, DHCP, BOOTP, TROY XAdmin & WP-Admin utility, HP JetAdmin/Web JetAdmin, NetWare, and DEC MOP
- Automatic detection of NetWare frame type or frame type can be forced
- AppleTalk "spoofing" for support of non-bidirectional PostScript printers
- AppleTalk binary printing (requires that printer supports the HP Tagged Binary Communications Protocol or can be forced into binary mode)
- On-line HELP
- Sophisticated diagnostics, including protocol trace capability and crash dump

PocketPro 100S Print Server

- Connects one parallel printer anywhere on your Ethernet or Fast Ethernet network
- Compatible with your choice of enterprise, LAN or user management tools
- Flash memory allows for easy upgrades
- Simultaneous support for Netware, Unix, Linux, Windows and Macintosh operating systems using virtually any protocol
- All protocols are active simultaneously
- Supports any parallel printer
- Supports IPP protocol (Internet printing)
- ECP functionality provides faster throughput
- 5-year warranty

Configuration



Product Name/ Part Number	Printer Connections	Network Supported	Network Connections
PocketPro 100S 2933-Sxx*	1 parallel printer	Novell NetWare & NDS, TCP/IP, EtherTalk, Windows	Fast Ethernet—twisted-pair (10/100Base-T)

* "xx" indicates included power supply type as follows:

01	=	Print Server with United States/Canada power supply
03	=	Print Server with Continental European power supply

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