



"Products That Work"

## I-O 5450

Multi-protocol Print Server for AS/400-to-LAN Printing



IBM Compatibility +

The I-O 5450 is a three port, multi-protocol (TCP/IP, IPX/SPX, and NetBIOS) print server. It combines the functionality of a **10/100 Mbps Ethernet print server with reliable, full-function Host-to-LAN printing**. The I-O 5450 offers IBM AS/400 and 3270 Mainframe printing using enhanced Telnet 5250 (TN5250e) or 3270 (TN3270e) over TCP/IP. At the same time, the I-O 5450 allows LAN printing from Windows, Novell, OS/2 or Unix platforms.

The I-O 5450 attaches up to three printers (2 parallel, 1 serial) directly to a 10 or 100 Mbps Ethernet LAN. It supports three simultaneous IBM printer sessions, each with a different emulation, that can be addressed from ten different IBM hosts. These three printers can also be accessed by the LAN platforms supporting TCP/IP, IPX, SPX, NetBIOS and I-O DirectPort™ printing (Windows 95/98 Peer-to-Peer).

The I-O 5450 allows the LAN-attached printer to offer the same reliable, full-function host printing support as a direct-attached 5250 twinax or 3270 coax printer. This means the I-O 5450 supports features like page range printing on large reports or documents and printer error reporting back to the IBM host. On the AS/400, TN5250e allows simple auto-configuration (one step setup).

Since the IBM host EBCDIC to ASCII data conversion is done by the I-O 5450, it frees the host or client PC from performing this resource-intensive task. This means a faster first page out, and overall increased speed.

## I-O Corporation

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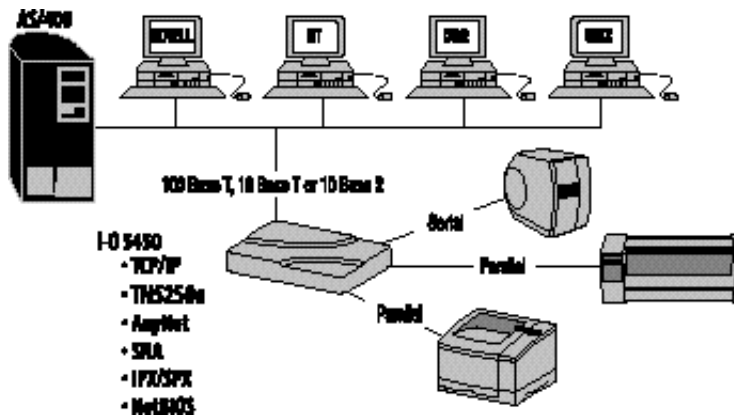
**I-O 5450**  
Multi-protocol Print Server



# Technical Specifications

|                    |   |
|--------------------|---|
| Host Systems:      | Twinax (5250) or Coax (3270)                  |
| Interface:         | IBM twinax/coax to HP Enhanced I/O port (EIO) |
| Power:             | Supplied by the printer                       |
| Environment:       | Temperature: +40° to 110° F (+5° to 42° C)    |
| Relative Humidity: | 20% to 85%, non-condensing                    |
| Approvals:         | FCC A   |

## ---Diagram



## IBM Features

## LAN (ASCII) Features

- **Supported Protocols for AS/400 Printing:**
  - TCP/IP (TN5250e)
  - TCP/IP (LPR/LPD)
  - SNA (APPC)
  - AnyNet (SNA over TCP/IP)
- **Supported AS/400 Printer Emulations:**
  - 3812-1 (SCS)
  - 4214
  - 5224/25/56
- **Supported Protocols for IBM 3270 Mainframe Printing:**
  - TCP/IP (TN3270e)
- **Supported IBM 3270 Mainframe Printer Emulations:**
  - 3287 (SCS/DSC)

- **Supported Printer Drivers for EBCDIC-ASCII Conversion:**
  - HP PCL
  - IBM Proprinter, PPDS
  - Epson ESC/P2, FX, LQ
  - Generic
- **Supported Protocols for LAN (ASCII) printing:**
  - TCP/IP (LPR/LPD)
  - IPX/SPX
  - NetBIOS
  - I-O TCP/IP DirectPort™ Printing (Windows 95/98 Peer-to-Peer)
- **Supported LAN (ASCII) Hosts:**
  - Novell (NDS, bindery, PSERVER, RPRINTER)
  - Windows 95/98, NT Windows for Workgroups
  - OS/2 Warp, OS/2
  - UNIX

- FLASH Memory
- SNMP Compliant
- **Ethernet Frame Types:**
  - IEEE 802.2, 802.3, Ethernet II, SNAP
- **Ethernet Connections:**
  - 10BaseT, 10Base2, 100BaseT (auto-sensing)
- **Printer Ports:**
  - 2 high speed IEEE 1284 bi-directional Centronics parallel ports
  - 1 RS-232 serial port (DB9)
- 100-240V (IEC) Auto-Switching Power Supply Included
- Powerful RISC Processor

Contact your I-O dealer at:

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