



I-O 5430B & 5431B Multi-Protocol Bar Code Print Servers

Finally...Seamless AS/400 to LAN Printing at an Economical Price

I-O BarCode Print Servers are single-port, multi-protocol print servers designed to provide support for specialty printers, such as bar code label printers. Available in either parallel or serial versions, I-O BarCode Print Servers combine the functionality of an Ethernet printer server with reliable, full-function AS/400-to-LAN printing.

The I-O 5430 (for parallel printers) and the I-O 5431 (for serial printers) BarCode Print Server attaches one parallel or serial printer directly to a 10 or 100 Mbps Ethernet LAN. They support multiple protocols, including TCP/IP, IPX/SPX and Net BIOS, providing specialty printer connectivity to a variety of operating systems such as Windows NT/98/95; Netware 3.x, 4.x, 5.x; OS/2; Unix; and IBM's OS/400. Due to the I-O BarCode Print Server's support of proprietary label printer languages, a one-step configuration process makes setup extremely easy.

A variety of AS/400 to LAN printing protocols are included, such as SNA/APPC, and AnyNet, as well as fully native TCP/IP printing using TN5250e. With any of these protocols, the I-O BarCode Print Server provides reliable, full function AS/400 printing support and control equal to that of a direct twinax-attached 5250 printer. Using I-O's implementation of TN5250e, up to ten different AS/400 hosts can be supported.

As with all I-O Print Servers, the included enhanced features add value to any attached printer, whether its a laser, dot matrix, or specialty printer.

IBM Features:	LAN (ASCII) Features:
<ul style="list-style-type: none"> • Supported Protocols for AS/400 Printing: <ul style="list-style-type: none"> - TCP/IP (TN5250e) - TCP/IP (LPR/LPD) - SNA (APPC) - AnyNet (SNA over TCP/IP) • Supported IBM Printer Emulations: <ul style="list-style-type: none"> - 3812-1 (SCS) - 4214 - 5224/25/56 • Supported Printer Drivers for EBCDIC-ASCII Conversion: <ul style="list-style-type: none"> - HP PCL - IBM Proprinter, PPDS - Epson ESC/P2, FX, LQ - Generic - Sato; Zebra; Datamax; TEC; - Intermec; Ring; Microcom; Novexx; - Eltron; Genicom; Axiohm; Monarch 	<ul style="list-style-type: none"> • Supported Protocols for LAN (ASCII) printing: <ul style="list-style-type: none"> - TCP/IP (LPD/LPR) - IPX/SPX - NetBIOS - I-O TCP/IP Direct Port(tm) Printing (Windows 95/98 Peer-to-Peer) • Supported LAN (ASCII) Hosts: <ul style="list-style-type: none"> - Novell (NDS, bindery, PSERVER, RPRINTER) - Windows 95, 98, NT - Windows for Workgroups - OS/2 Warp, OS/2 - UNIX • FLASH Memory • SNMP Compliant • Supported Ethernet Frame Types: <ul style="list-style-type: none"> - IEEE 802.2, 802.3, Ethernet II, SNAP • Supported Ethernet Media: <ul style="list-style-type: none"> - 10BaseT, 100BaseT (auto-sensing) • Printer Ports: <ul style="list-style-type: none"> - I-O 5430: 1 IEEE 1284 bi-directional Centronics parallel port - I-O 5431: One RS232 serial port (male DB25) • 100-240V (IEC) Auto Switching Power Supply Included

Plus a wide range of additional features that boost productivity and performance.

Features	Benefits
AS/400 printing over Ethernet	Allows AS/400 print jobs to be seamlessly printed over a LAN.
Enhanced Telnet 5250 (TN5250e)	Communicate with up to ten AS/400's using native TCP/IP.
Printer error reporting to the AS/400	Prevents loss of AS/400 print data by providing same level of print status reporting as a 5250 twinax printer.
Page range printing from the AS/400	Permits users to print select page ranges from large documents and reports.
Auto configuration (One step setup)	Installs in minutes using native TCP/IP, avoiding complex software configurations.
Offloading of Data Conversion	Eliminates unnecessary AS/400 or PC overhead by converting EBCDIC data directly on the I-O 5430B/31B. Host Print Transform is no longer required
True IBM printer emulations	Permits full-function AS/400 printing on the attached LAN printer.
Simultaneous, multi-host printing	Maximizes printer utilization by supporting concurrent printing not only from multiple AS/400's but from Novell, Windows NT, Windows 95, OS/2, UNIX, etc.
10BaseT and 100BaseT	Protects print server investment when upgrading the LAN to 100 Mbps.
Powerful RISC processor	Takes advantage of the LAN printer's maximum print speed even when processing AS/400 jobs.
Unique support of proprietary bar code label printer languages	Print self-tests, diagnostics, dumps, etc., directly to any attached label printer for convenient customization and troubleshooting.