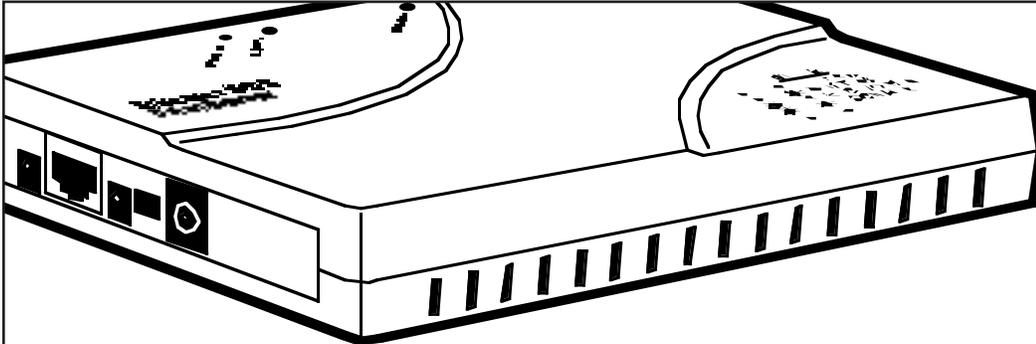




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### ETHERNET IPDS PRINT SERVER



*Print AS/400<sup>®</sup> AFP (Advanced Function Printing) jobs over a LAN using TCP/IP.*

#### Key Features

- ▶ **Converts EBCDIC print jobs to ASCII.**
- ▶ **Supports Windows NT, 95, 98, Novell<sup>®</sup>, OS/2, and UNIX operating systems.**
- ▶ **Handles two logical AS/400 printer sessions: one for SCS data streams and the other for AFP/IPDS.**
- ▶ **Supports full IBM 3812-2, 3816, and 4028 functions on a PCL 5e attached laser printer.**

The Ethernet IPDS Print Server provides reliable AS/400 to LAN printing. The Print Server converts native AS/400 print jobs from EBCDIC to ASCII, freeing the host or client PCs from the often heavy overload associated with printing.

The Print Server works via a single network interface: choose either 10BASE2 BNC or 10/100-BASE-T RJ-45.

The Print Server acts as a node in the local area network with its own unique network address. It receives data from across the network in packets and converts the packets to a format that serial or parallel printers can recognize.

When printing from ASCII hosts (PC, UNIX), the Print Server supports the following protocols:

- TCP/IP—Used by UNIX<sup>®</sup>, NetWare<sup>®</sup>, Windows NT<sup>®</sup>, and OS/2<sup>®</sup>.

- IPX<sup>™</sup>/SPX—Used by NetWare.

- NetBIOS—Used by Windows<sup>®</sup> 3.x, Windows for Workgroups, Windows NT, and OS/2.

The Print Server can support printing from several different types of hosts at the same time. This expands the capability of a printer attached to a Print Server, yet still provides the benefits of a dedicated host-printer relationship:

- In LAN printing, you may have UNIX systems, Windows, and PCs running OS/2, all using various combinations of NetWare and TCP/IP. All systems can send their printed data to a single Print Server.

- The Print Server can support up to 10 different AS/400 hosts for each printer (when using TS5250e), greatly expanding the number of hosts that can use the printers attached to a Print Server.

The complete package includes:

- Ethernet IPDS Print Server
- Users' manual
- PrintControl<sup>™</sup> installation diskette
- TCP/IP DirectPort<sup>™</sup> installation diskette
- Power supply



# Specifications

**Ethernet Connections Supported** —  
10BASE-T and 100BASE-TX  
(autosensing)

**Operating Systems Supported** —  
Novell (NDS, NetWare® Bindery),  
OS/2, OS/2 Warp, UNIX,  
Windows 95/98, Windows NT,  
Windows for Workgroups

**Printer Ports** — (1) Bidirectional  
Centronics® parallel

**Printers Supported** — Any PCL  
5e printer

**Printing Protocols** —  
AS/400: AnyNet (SNA over  
TCP/IP), SNA (APPC), TCP/IP  
(TN5250e, LPR/LPD);  
LAN (ASCII): IPX™/SPX,  
NetBIOS, PSERVER,  
RPRINTER, TCP/IP (LPR/LPD),  
Windows 95/98 Peer-to-Peer

**Twinax Emulation** —  
IPDS: IBM 4028 AS1, 3812-2/  
3816-1D/S;  
SCS: IBM 3812-1

**Size** — 3.3 x 19.8 x 14 cm

**Weight** — 0.7 kg

## Ordering Information

ITEM	CODE
Ethernet IPDS Print Server .....	PC430A
<i>Remember to order cable...</i>	
Category 5 Patch Cable, 100-MHz, 4-Pair, Straight-Pinned, PVC, Beige .....	EVMSL05
Parallel Printer Cable, Male/Male .....	EYN600

