

The most flexible solution for direct connection of Lexmark Laser printers to IBM systems using the IBM proprietary 3270 Coax or 5250 Twinax connections

Protocol Converter



HostCom™ ISP

- **Advanced SCS feature**
- **Additional IPDS feature**
- **Share port**
- **High speed printing**
- **Easy to install and manage**
- **Easy to use**

HostCom™ ISP is an internal high performance interface for Lexmark laser printers providing full support for all types of distributed printing from IBM mainframe and AS/400 systems.

The advanced SCS features include barcode generation, font and paper tray selection as well as support for multiple transparent formats. For PCL printers the IPDS option for the HostCom™ ISP will handle both AFP/IPDS and SCS data streams.

The IPDS feature supports all AFP/IPDS functions, including Downloaded Fonts, Graphics, Images, Duplex, Color and DBCS fonts. Low resolution IPDS printing resources are automatically scaled to 300 dpi using a high quality algorithm.

Easy installation is provided by automatic configuration of key printer functions and local configuration using a Windows configuration tool. Remote configuration and firmware download from IBM systems provide an efficient method of managing large, distributed printer installations at a minimal cost.

HostCom™ ISP interface provides direct S/370-390 Coax, IBM AS/400 Twinax connection and an additional parallel PC connection without affecting the printer's normal operation.

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Printing and Conversion Solutions

MPI
TECH

IBM Host Attachment

HostCom™ ISP Cx

IBM 3174 & 3274 Controllers
IBM 3276 Controller
IBM 8775 Display Terminal
IBM 30xx
IBM 937x
IBM 81xx via 3x74 Controller
IBM 4361 Work Station Adapters
IBM 43x1 Display/Printer Adapter
Equivalent PCM Controller

HostCom™ ISP Tx

IBM AS/400 Work Station Controller
IBM 5259 Migration Data Link
IBM 5294 Remote Control Unit
IBM 5394 Remote Control Unit
IBM S/36 Work Station Control Unit
IBM S/38 Work Station Control Unit

System Support

Mainframe Systems

IBM S/370, S/390 (MVS/VM/VSE)
IBM PSF/MVS, PSF/VM, PSF/VSE

Midrange Systems

IBM PSF/400, OS/400 version 3.1 and up

IBM Printer Emulation

SCS (Standard)
IBM IP20/32/40, NP12/17/24,
4312/4317/4324, 3912/3916, 3112/3116,
3812/3816 Coax: 4028, 3287, 3268, 4214-1
Twinax: 4234, 5224/5225, 5219, 5256

IPDS via 3270 SNA

3916/3912, 3116/3112, 4028, 3812/3816

Protocols

3270 SNA

Print Data

Advanced IBM S/390 SCS, Advanced IBM AS/400 SCS/DCA, IBM PSF/MVS, PSF/VM, PSF/VSE AFP/IPDS
via SNA.

Printers Supported

Supports the following series of Lexmark printers: Optra S/K, Optra SC, Optra M/T/W and Optra C

Features

Duplex support
Default SCS support
Upgradable to IPDS
Automatic IPDS/SCS switching
Automatic recognition of printer features
Downloadable code upgrade (From Web)
Downloadable settings
SCS features
Flexible transparency
Advanced font handling
Multiple page formats
Automatic page orientation
Advanced paper size handling
Internal barcode generation
MPI Tech PSS and EPM AFP software support

IPDS Features

Full IPDS support
Full page printing
True-page counters
Font sieving
Double byte font (DBCS) support
Page offset functions
Selectable image smoothing
IBM 4028 & IBM 3812/3816 font sets
Downloadable resident IPDS font set

Set-up

via automatic configuration
via printers Front panel
via coax connection (HostCom™ Cx ISP)
via twinax connection (HostCom™ Tx ISP)
via parallel input port
Windows IPDS configuration program

Approvals

UL, cUL, CE

Safety

Low Voltage Directive, 73/23/EEC
EN 60950 with amendments
UL 1950, 3rd edition

EMC

EMC Directive: 89/336/EEC,
FCC Part 15 Subpart B Class B,
AS/NZS 3548 Class B,
EN 55022: 1998 Class B,
EN61000-3-2,
EN61000-3-3,
EN 55024: 1998

Warranty

3 years manufacturing fault warranty

Part Number	Product Name	Description
912252-x40	HostCom™ ISP Cx	Coax internal Lexmark ISP interface
922252-x60	HostCom™ ISP Tx	Twinax internal Lexmark ISP interface
912252-x43	HostCom™ ISP Cx, + IPDS	Coax internal Lexmark ISP interface, with IPDS
922252-x63	HostCom™ ISP Tx, + IPDS	Twinax internal Lexmark ISP interface, with IPDS

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