

LinkCom IV

Easy connection of IBM System z® and System i® to LAN print environments



Overview

LinkCom® IV makes connection of laser printers to complex LAN environments easier than ever, as LinkCom IV simply is connected to the parallel port or the USB port of the printer and to the LAN. By a simple configuration using PrintGuide or a web browser, both the IBM systems and standard LAN/PC environment can make full use of all features on the printer, including MFP functionalities. You can even connect 2 printers to each LinkCom IV in order to save connectivity costs. Redirection of one output to a network connected printer is provided as standard. Redirection of up to 3 outputs to a network is available as an option.

Works efficiently within mixed Host/LAN environments

LinkCom IV is developed to work efficiently within the mixed Host/LAN environment and supports SNA and TCP/IP sessions directly from the IBM systems as well as TCP/IP sessions from the LAN. The LinkCom IV will convert IBM SCS/DCA and IPDS to the industry standard PCL5 or Postscript language used by the majority of printers today. Even translation from SCS/DCA to laser printers is provided as standard.

Plug 'n' Print installation

LinkCom IV offers easy Plug 'n' Print installation for the AS/400 environment using the TN5250e. TN3270e allows mainframe users to migrate SCS/DCA data stream to LAN in an easy manner. For LAN administration and setup there are several tools available.

Fast and easy configuration

For fast and easy configuration LinkCom IV is delivered with MPI Tech's PrintGuide. Also a standard web browser will access the internal html pages of the LinkCom IV. Alternatively the Hewlett-Packard Web JetAdmin or a simple Telnet session can be used.

Support for PoE allows for utilising power supplied via the network herewith eliminating the need for an external power supply and minimizing the number of cables. LinkCom IV also provides elegant features such as status reporting directly to the person responsible for the printer.

Key features

- ✓ The ideal solution for IBM printing in a LAN environment
- ✓ Full IPDS support including color printing
- ✓ Converts both AFP/IPDS and SCS/DCA to laser printers
- ✓ Centronics, USB and LAN printer connection
- ✓ Output to network connected printers using TCP/IP
- ✓ Supports both TCP/IP and SNA sessions to the host
- ✓ TN5250e/TN3270e support
- ✓ Support for PoE (Power over Ethernet)
- ✓ Printer management using MPI Tech PrintGuide or web browser
- ✓ Password protected set-up

Network Attachment

Ethernet

- 100BASE-TX at 100 Mbps
- 10BASE-T at 10 Mbps

System Support

OS

Windows (Vista, Server 2003, XP, 2000, ME, NT, 9x), UNIX, Novell, Mac, 3.1x / 4.xx, 5.0, DOS, OS/2, HP-UX, AIX, IBM OS/400, OS/390, z/OS, MVS, VM, VSE

Protocols

SNA, TCP/IP, (PPD, LPR, Port 9100), NetBIOS/NetBEUI, IPX/SPX using bindery or NDS support. Appletalk, FTP, IPP.

IBM Host system support

IBM System z®, S/370, S/390 (MVS/VM/VSE),

IBM System i®, AS/400, i5

Minimum System Requirements (IPDS)

- PSF/MVS Rel. 2.1 or higher
- PSF/VM Rel. 2.1 or higher
- PSF/VSE Rel. 2.2.0 or higher
- PSF/400 Rel. 3.1 or higher
- InfoPrint Manager for Windows
- InfoPrint Manager for AIX

Printer Attachment

Parallel, USB and LAN

Emulation

IPDS

IBM IP40, 4028 (3916/3912, 3116/3112), 3812, 3816

(PCL and PostScript output only)

SCS

3270: 4028, 3287, 3268, 4214-1

5250: 4234, 5224, 5225, 5256

DCA

5250: 5219/3812

Printers Supported

One or two printers with:

- PCL 5/5c,
- PostScript L2/L3,
- IBM ProPrinter (SCS/DCA only)
- Epson FX/LQ (SCS/DCA only)

Printer Connection

- Parallel port,
- USB output port
- or Network port via TCP/IP
- Redirection of the Centronics port to network using TCP/IP port 9100.
- Selectable via PrintGuide or Web browser

Optional

Up to three simultaneous inputs and outputs to TCP/IP Network connected printers.

High speed options

Features

Multi session/multi protocol support, dynamic PC printer share, Pre, post and replacement string facility, Firmware upgrade via PrintGuide™, Password protected setup.

IPDS features

Full IPDS support, Up to 55ppm (High Speed options available). Full colour printing incl FS45, JPG, JFIF and Object Container support. 2D barcode, True-page counters, Double byte font (DBCS) support, Page offset functions. IBM IP40, 4028 & IBM 3812/3816 resident font sets. Downloadable IPDS font set. Outline font support, 240, 300 and 600 dpi support.

SCS/DCA features

MPI Tech FSL facility, Advanced font handling, Multiple page formats, Automatic page orientation, Advanced paper size handling, Internal barcode generation, MPI Tech PSS/EPM AFP software support.

Set-up

- MPI Tech PrintGuide™ (Windows)
- Web browser (HTML),
- Auto-configuration
- DHCP server
- TELNET

Regulatory information

Safety

2006/95/EC - Low voltage directive:

- EN60950-1:2006
- IEC 60950-1 Ed. 2.0:2005, UL 60950-1 2nd ed., (CAN/CSA-C22.2 No. 60950-1-07)

EMC

2004/108/EC - EMC directive:

- EN 55022
- EN 55024

FCC 47 CFT Part 15, Class A

Environmental

- 2011/65/EC - RoHS directive
- 2003/108/EC - WEEE directive
- 2006/122/EC - PFOS directive
- 2006/1907/EC - REACH directive

Warranty

3 years manufacturing fault warranty

Size / Weight

235 x 165 x 30mm / 9.3 x 6.5 x 1.2"

Weight: 385g / 13.6oz / 0.8lb

Power Requirements

5 VDC @ 500mA (Power supply incl.) or PoE (Power over Ethernet) class 1

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