

LinkCom III S

The ideal solution for connection of mfp laser printers to IBM systems

IBM IPDS, SCS and DCA printing to networked laser printers



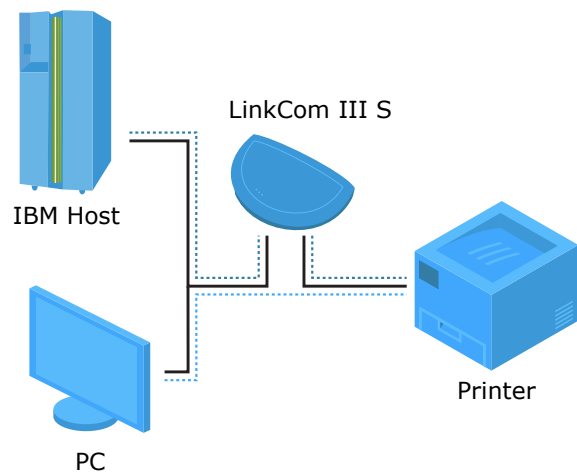
LinkCom® III S is a multifunction and versatile protocol converter designed to support both IBM host printing and any PC/LAN printing on laser printers including laser printers with MFP capabilities.

LinkCom III S features a two port switch for connection to the network and for connection to the printer. IBM host print data will be translated in the

LinkCom III S and converted into PCL or PostScript and sent to the printer using TCP/IP. PC/LAN printing is directed transparently via the switch of LinkCom III S and sent unchanged to the printer. Any MFP capability of the printer e.g. remote configuration, scanning or fax option is maintained and fully operational.

LinkCom III S is designed to work efficiently within the mixed Host/LAN environment and supports TCP/IP and SNA sessions directly from the IBM host systems as well as TCP/IP sessions from the LAN. The LinkCom III S will convert IBM IPDS, ICDS and SCS/DCA data streams to the industry standard PCL5/5e or PostScript language used by most laser printers today.

LinkCom III S makes connection of printers to complex LAN environments easier than ever, as the printer is simply connected via the LinkCom III S to the LAN. By a simple configuration both the IBM systems and standard LAN/PC environment can make full use of all features on any B/W or Colour printer, including finishing options.



LinkCom III S offers easy Plug 'n' Print installation for the AS/400 environment using TN5250e. TN3270e allows mainframe users to migrate SCS data stream to LAN in an easy manner.

LinkCom III S also provides elegant features such as status reporting directly to the person responsible for the printer.

Key features

- ✓ IBM host printing to any laser printer including mfp printers
- ✓ Full IPDS support including colour printing
- ✓ Converts IPDS, SCS and DCA to laser printers
- ✓ Output to the printer using TCP/IP
- ✓ Supports both TCP/IP and SNA sessions from the IBM host
- ✓ TN5250e/TN3270e enabled
- ✓ 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 (Server 2008, Vista, Server 2003, XP, 2000), UNIX, Novell, Mac, DOS, OS/2, HP-UX, AIX, IBM OS/400, OS/390, z/OS, MVS, VM, VSE

Protocols

SNA, TCP/IP, (PPD/PPR, Port 9100).

Other protocols including HP proprietary protocols for printer setup and mfp functionality*

*) Transparent via switch

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

Emulation

IPDS

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

*) Default emulation

SCS

3270: 3287, 3268, 4214-1

5250: 4234, 5224, 5225, 5256

DCA

5250: 5219/3812

Printers Supported

One PCL 5/5c/ and PostScript L2/L3 compatible printer.

Network output port.

Connections

2-port Ethernet switch:

- Port 1: Network connection
- Port 2: Output for printer NIC

USB: Not used

Features

Multi session/multi protocol support

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 printing, 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 edt, (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

1 year manufacturing fault warranty

Size / Weight

116 x 74 x 25mm / 4.6 x 2.9 x 1"

Weight: 75g / 2.6oz / 0.2lb

Power Requirements

5 VDC @ 500mA

(Power supply incl.)

Part numbers

1x LAN output up to 55 ppm

- IPDS
962456-x30
- SCS/DCA
962456-x31
- IPDS, SCS/DCA
962456-x33

High Speed Black/white

- IPDS, SCS/DCA 85 ppm
962456-x43
- IPDS, SCS/DCA 120 ppm
962456-x53
- IPDS, SCS/DCA 120+ ppm
962456-x63

Full Colour

- IPDS Full Color 16 ppm
962456-x34
- IPDS Full Color 30 ppm
962456-x44
- IPDS Full Color 45 ppm
962456-x54
- IPDS Full Color 45+ ppm
962456-x64

IGP support (Printronix®, Intelligent Graphics Printing)

- LinkCom III S IGP
962456-x71

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