



LAN printing for matrix and laser printers with optional IPDS transforms

LAN connection for stand-alone printers

The EasyCom® III PrintServer is a pocket size hardware unit that connects primarily matrix printers but also laser printers without a built-in network port to the company LAN and turns them into network printers.

The EasyCom III PrintServer plugs directly into the parallel port, TCP/IP port or the USB port of the printer.

Plug'n Print

EasyCom III is based on the MPI Tech Plug'n Print concept. When installing the PrintServer, just switch on the power and the installation manual is printed automatically. It can be installed either using a standard web browser, or the MPI Tech configuration tool, PrintGuide. Online access to manuals, technical support and upgrades is available world wide.

LAN printing and IPDS host printing for matrix printers

EasyCom III IPDS Matrix version is developed to work efficiently in a mixed Host/LAN environment and supports TCP/IP sessions directly from the IBM systems as well as from the LAN. The EasyCom III IPDS Matrix converts the IPDS data to industry standard printer languages like IBM ProPrinter or Epson FX/LQ which are used by most line and matrix printers. The IPDS feature is an add-on function that is added via the product license key.

The EasyCom III IPDS Matrix PrintServer offers a number of unique printing features including Pre- and Poststrings as well as the power to substitute user defined print data using the Replacement strings technology.

To give optimal user value the EasyCom III IPDS Matrix print server supports most of the industry wide defined printing protocols. Among these IPP (Internet Printing Protocol) makes it easy to print across the Internet to any authorized printer on an IP network.

EasyCom III IPDS Matrix also provides capability to send status e-mails directly to the person responsible for the printer.

High speed data transfer

Data transfer speeds exceeding 1 MByte/sec to the printer, programmable strings before and after jobs, automatic search and replace on incoming data, user defined queue naming in addition to 10 standard queue names, automatic download of data to printer at power up and status reporting to printer operator and system manager are just some of the exiting features of this product range.

Key features

- ✓ LAN connection via the parallel port, serial port, USB 2.0 port or TCP/IP
- ✓ Optional IPDS, SCS and DCA support for matrix printers
- ✓ Optional SCS/DCA support using TN 3270/5250 with FSL support
- ✓ Plug'n Print
- ✓ Supports IPP (Internet Printing Protocol)
- ✓ Printer management using web, or PrintGuide™
- ✓ Status reporting using e-mail notification
- ✓ User defined Pre- and Poststrings
- ✓ User defined data substitution using Replacement strings
- ✓ Flash Upgradable



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Network Attachment

Ethernet

100BASE-TX at 100 Mbps (IEEE 802.3u)

10BASE-T at 10 Mbps (IEEE 802.3)

Printers:

Centronics parallel port (IEEE 1284, incl. ECP), Serial port Rs232, USB 2.0, TCP/IP

System Support

OS

Windows (10, 8, 7, Vista, Server 2012, 2008 R2, Server 2003), UNIX, Novell, Mac, HP-UX, AIX, IBM OS/400, OS/390, z/OS, MVS, VM, VSE

Protocols

Printing:

TCP/IP, IPP, FTP

Booting:

DHCP, BOOTP, RARP

Configuration:

HTTP, DLC, TCP/IP, FTP, WINS, DNS

Status:

SNMP, DLC, TCP/IP, PING, SMTP

IBM Host system support

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

IBM AS/400, iSeries, 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

GDDM 3.1

PSF/400 Rel. 3.1 or higher

InfoPrint Manager for Windows Ver 2R2

InfoPrint Manager for AIX Ver 4R2

Emulation (optional)

Emulations are activated through the license key

IPDS

IBM 4247 (using IBM ProPrinter or Epson language)

SCS

IBM 3268/4214, 3287

DCA

IBM 3812/5219,5224, 5225, 5256, 4234

Printers Supported

One printer with:

- PCL 5/5c,
- PostScript L2/L3,
- IBM ProPrinter
- or Epson FX/LQ

Ask for other printer types.

Printer Connection

- Parallel port,
- USB output port
- Network port via TCP/IP

Features

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

Substitution Strings:

Search/Replace. If, for example, the company changes telephone number, you can specify via the web server that the new one should be printed in all documents.

Strings at Power on, Before and/or After Print Job:

The Print Servers can send pre-defined settings to the printer, such as the company logo, a particular font or the Euro currency symbol.

E-mail notification:

The Print Servers will notify you when the printer has run out of paper, when there is a paper jam, or in a variety of other situations.

SCS/DCA features (optional)

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.

IPDS features (optional)

Full IPDS support, 2D barcode, True-page counters, page offset functions. IBM

4247 resident font set.

Set-up

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

Management

Web browser (HTTP/HTML), Print-Guide™ (DLC/TCP/IP), e-mail notification using SMTP, SNMP MIB II, File based using FTP.

Regulatory information

Safety

73/23/EEC-Low voltage directive:

- EN60950-1:2001
- UL60950-1 (CSA C22.2 No:60950-1-3)

EMC

89/336/EEC - EMC directive:

- EN 55022: 1998 + A2:2003, Class B
- EN 55024: 1998 + A1:2001 + A2:2003

FCC 47 CFT Part 15, Class A

AS/NZS 3548 Class B

Environmental

- 2011/65/EC - RoHS directive
- 2002/96/EC - WEEE directive
- 2006/122/EC - PFOS directive

Warranty

1 year manufacturing fault warranty

Size / Weight

97 x 60 x 20mm / 3.8 x 2.4 x 0.8"

Weight: 68g / 2.4oz / 0.1lb

Power Requirements

5V 500mA (Power supply included)

Versions

EasyCom III

Single Port fast Ethernet connection

EasyCom III SCS/DCA

Matrix SCS/DCA support with FSL

EasyCom III IPDS + SCS/DCA

Matrix IPDS support to Matrix printers

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