

IBM 4247 IPDS Ethernet for PSi printer PP 40x and PP 80x



IPDS LAN connection for PSi printers of the PP 40x and PP 80x families with MPI EasyCom 5 print servers. This hardware unit transforms the printers into IPDS network printers. The EasyCom 5 IPDS PrintServer can be connected directly to the USB port of PP 40x printers or via the existing network connection „RJ45“ of the printer interface. With PP 80x only via „RJ45“ connection.

Plug'n Print

The EasyCom 5 print server is based on the MPI Tech Plug'n Print concept. To install, just turn on the printer. The print server is immediately ready for operation with standard settings. Additional settings can then be made using a web browser or the MPI Tech configuration tool „PrintGuide“. can be set.

LAN printing and IPDS host printing

The EasyCom 5 IPDS Matrix version was developed to work efficiently in mixed environments and supports TCP / IP sessions directly from IBM systems as well as from the LAN. The IPDS data is implemented in printer languages according to industry standards and also offers a number of unique printing functions, such as pre and post strings as well as the option of searching for and replacing data.

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.

- IPDS IBM 4247 compatible
- Full IPDS support,
 - 2D-Barcode
 - True-page counters, page offset functions.
 - IBM 4247 resident font set.
- SCS / DCA support using TN 3270/5250 Plug'n Print
- IPP Support (Internet Printing Protocol)
- Printer management using web, or PrintGuide™
- Support for Gigabit LAN network
- User defined Pre- and Post-strings
- User defined data substitution using replacement strings
- Support for IPv4 and IPv6

TECHNICAL DATA

Network Attachment

Ethernet

- 1000BASE-T at 1 Gbps
- 100BASE-TX at 100 Mbps (IEEE 802.3u)
- 10BASE-T at 10 Mbps (IEEE 802.3)

Protokoll:

- IPv4
- IPv6

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

- TCP/IP, (PPD, LPR, Port 9100),
- NetBIOS/NetBEUI, Appletalk, FTP, IPP.
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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 oder höher
- PSF/VM Rel. 2.1 oder höher
- PSF/VSE Rel. 2.2.0 oder höher
- GDDM 3.1
- PSF/400 Rel. 3.1 oder höher
- InfoPrint Manager für Windows Ver 2R2
- InfoPrint Manager für AIX Ver 4R2

Emulation

IPDS: IBM 4247
SCS: IBM 3268/4214, 3287
DCA: IBM 3812/5219,5224, 5225, 5256, 4234

SCS/DCA Unterstützung TN 3270/5250

Configuration

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

Regulatory information

Safety

- Humidity: 10% to 95% RH, non-condensing.
- Temperature range: -10 to +40

Environmental

- RoHS compliant
- EMC compliant
- UL approved
- CE approved

Features

Multi Session / Multi-Protokoll-Unterstützung, dynamische PC Druckerfreigabe, Pre, Post sowie Zeichenersetzung (string change), Firmware-Upgrade über PrintGuide™, Passwortschutz.

SCS/DCA Funktionen

MPI Tech FSL facility, erweiterte Schriften, variable Seitenformate, automatische Seitenausrichtung, Generierung von Papierformaten, interne Barcode-Generierung, MPI Tech PSS / EPM AFP Software-Unterstützung

IPDS Funktionen

Volle IPDS-Unterstützung, 2D-Barcode, genaue Seitenabmeldung, Offset-Funktionen. IBM 4247 Schriftarten, ladbare IPDS Schriften.

Power Requirements

15 VDC @ 1000mA (Power supply incl.) In case the USB port is used to connect anything else than a printer the power consumption of the connected device may not exceed 100mA.

External power supply included.