AXIS 5570e
Host-to-LAN Print Server

Print from IBM host systems via any port to USB and parallel printers

The Axis host-to-LAN print servers provide a flexible, reliable and cost effective way to print to all your printers or digital copiers directly from your IBM Mainframe (zSeries) or IBM AS/400 (iSeries) system, without any need for application changes, host-based conversion software or intermediate servers.

Get the same functionality as from traditional IBM printers connected over coax or twinax, including features such as error recovery, exception notification and job control.

Improved System Throughput and Efficiency

The host-to-LAN print servers from Axis are developed according to the concept of distributed data conversion that delivers great scalability and helps freeing host system resources for more critical tasks, thus utilizing the IBM system more effectively and improving overall system throughput. Use the AXIS ThinWizard management tool to control and overview every printer and print server in one single screen. Manage the printing environment remotely, and increase efficiency and reliability in the network.

The AXIS 5570e has one USB and one parallel port, and multi session capabilities.

TCP/IP SNA TN5250E TN3270E SCS IPDS

The Axis host-to-LAN print servers offer world-class support for IBM host system printing over TCP/IP and SNA networks. The flexible solution supports multiple print methods including TN3270E, TN5250E and PPR/PPD carrying SCS or IPDS data streams. This makes the Axis print servers the ideal solution for the enterprise network.

- Any laser printer, digital copier, matrix printer and label printer

- Multi-session printing via USB and parallel ports

- Support for IBM systems, Windows, NetWare, Macintosh and UNIX/Linux

- Free firmware upgrades, no license fees

- SSL/TLS support for HTTPS security

- Easy to use, IBM session configuration wizard

AXIS ®
COMMUNICATIONS

Specifications

Models	AXIS 5570e TCP/IP AXIS 5570e IPDS SNA
Supported printers	Support for printers and digital copiers from Brother, Canon, Epson, HP, IBM, Kyocera, Lexmark, Minolta, NEC, Oce, OKI, Ricoh, Sharp, Star, TEC, Toshiba, Zebra, Xerox etc.
IBM capabilities*	IBM Mainframe (zSeries): • OS: IBM S/370, S/390, 30xx, 43xx, 47xx, 937x, 81xx • TCP/IP based protocols: TN3270E, PPR/PPD, LPR/LPD and RawTCP • SNA support: LU1 and LU3 (node type 2.0) for IBM 3174 Control unit emulation • Data streams: IPDS, SCS, 3270DS as well as PostScript, PCL and ASCII • Emulated printers: 4332, 4028, 3812 model 2, 3816 model 01S and 01D, 4224, 4230, 3287, 3268, 4214 and 3262 IBM AS/400 (iSeries): • OS: IBM OS/400 • TCP/IP based protocols: TN5250E, PPR/PPD, LPR/LPD and RawTCP. • SNA support: LU6.2 (node type 2.1) for IBM 5494 Control unit emulation • Data streams: IPDS, SCS as well as PostScript, PCL and ASCII • Emulated printers: 4332, 4028, 3812, 3816, 4214-2, 5224, 5225, 5256, 4230, 5x27-2 KS, 5x27-3 KSSM, 5x27-3 and 5x27-5
Supported systems	Microsoft Windows: 95, 98, Me, NT, 2000, XP, 2003 and Vista Novell NetWare: 3.X, 4.X, 5.X, 6.X. Supports bindery and NDS mode. Supports user messages and printer status. NDPS supported over IP and IPX. Support for iPrint using both LPR and IPP protocols. PSERVER (IP/IPX), RPRINTER/NPRINTER supported Apple MacOS 7, 8, 9, MacOS X version 10.X All Unix systems supporting TCP/IP (Linux, BSD, System V, Solaris, HP-UX, IBM AIX, Silicon Graphics IRIX, etc.) Other systems supporting TCP/IP: IBM (MVS, VM, VSE, OS/400), DEC, VMS Microsoft LAN Manager, IBM LAN Server, LANtastic
Supported web browsers	Any standard web browser (MS Internet Explorer 5.x or higher, Netscape 6.x or higher)
Supported protocols	TCP/IP: ARP, DHCP, BOOTP, RARP, DNS, DDNS, Telnet, TFTP, FTP, LPR, Reverse Telnet, PROS, IPP, IP, TCP, UDP, HTTP, HTTPS, SSL/TLS, SNMP, SLP v1/v2, ICMP, IGMP, SNTP NetWare: IPX, SPX, SAP, NCP (extended with NDS), NDPS, NLSP, LIP, RIP, RIP-II, OSPF Apple EtherTalk: AAPR, ATP, DDP, NBP, PAP, RTMP, ZIP NetBIOS/NetBEUI
Logical printers	Logical printer ports can be programmed to perform auto ASCII to PostScript conversion, add string before and after job, string substitution, alternative output and character set conversion
Copiers*	Each logical printer port can be configured to activate a number of finishing options in the digital copier, Please visit the support pages at www.axis.com for a list of supported copiers.
Security	Password protected configuration, SSL/TLS support for HTTPS security, TCP/IP Printing Restriction, IEEE 802.1X port-based network access control NetWare: Encrypted passwords, NetWare Packet Signature Level 1,2,3 Option to disable protocols
Print server management	AXIS ThinWizard for installation, configuration, monitoring and firmware upgrading of multiple units Internal web pages for installation, configuration, monitoring and firmware upgrading SNMP v1, v2c, and v3 support SNMP-MIB II compliant (RFC 1213), Axis private enterprixe MIB included PPM MIB v1.0 for status monitoring and installation Bonjour for printer installation in for example Mac OS X Axis AddPrinter for installation Netware: full PCONSOLE, NWAdmin, ConsoleOne and iPrint-iManager support *Bonjour is a trademark of Apple Computer Inc., registered in the U.S. and other countries.*
Firmware upgrade	Firmware upgrade using AXIS ThinWizard, the print servers web pages or FTP
Network connection	All standard Ethernet and Fast Ethernet networks: RJ-45 connector (Category 5 or 6, shielded twisted pair cable) for 10baseT or 100base TX Ethernet with full duplex. Supports: IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously. NWay for auto-detection of network speed
Printer connection	Parallel: 36-pin Centronics connector, high-speed IEEE 1284 compatible with ECP support and throughput of 1 MB/sec USB: USB 1.1 Low and Full speed. Successfully tested with USB 2.0 Printers Bi-directional support for Apple EtherTalk, RawTCP and PROS
Processor and memory	Processor: AXIS Etrax 100LX 32-bit 100 MHz RISC Memory: 2 MB Flash, 8 MB RAM
Front panel	2 LED indicators: Power and Network Test button for information printouts
Power consumption	Power provided by external supply Maximum 5.6 W (Type PS-H, 5.1 VDC 2000mA)
Included accessories	AXIS Network Print Servers CD with software for installation, management and printing, including AXIS ThinWizard (the recommended Axis management software) Power supply, USB cable and mounting clip, Installation guide
Operating conditions	Temperature: 5-40 °C (40-105 °F) Humidity: 10-90% non-condensing
Approvals	• EMC: EN 55022/1998, EN 55024:1998, EN 61000-3-2, EN 61000-3-3, VCCI Class B, C-TICK AS/NZS 3548, Compliance to FCC part 15 Subpart B, Class B • Safety: EN 60950
Dimensions (HxWxD) and weight	29 x 62 x 117 mm (1 1/8" X 2 13/32" X 4 19/32") 81 g (2 7/8 oz)

* Differences between product models are listed below:

Product Selection Guide

Model	TN3270E	TN5250E	PPR/PPD	SNA	IPDS	SCS	Copier
AXIS 5570e TCP/IP	●	●				●	
AXIS 5570e IPDS SNA	●	●	●	●	●	●	●

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