AXIS 5900
Network Print Server

Wireless LAN printing -
Unleash your network printers

Connecting wired or wirelessly to the network, the AXIS 5900 is ideal for printing from stationary PCs or laptops. Offering the freedom of placing printers anywhere, you can now enjoy office liberty without worrying about cables! Move your printers around offices, work areas, and conference rooms - as easily as your furniture.

Unleash your network printers with a print server that is simple to manage and easy to install. The AXIS 5900 works with any printer, any network, and any 802.11b access point. Use it as a wireless multiprotocol print server, or a classical Ethernet multiprotocol print server. It's a 2-in-1 solution - the choice is yours.

Future-proof protected
Whether you are planning towards, or already enjoying, the convenience and flexibility of the 802.11b devices, you will get the most out of your network with a versatile printing solution that offers free firmware updates published over the Axis Web. Invest in a future-proof wireless LAN solution, and be ready for the future - today.

Solutions for every printing need
With over 18 years of networking excellence, Axis offers solutions for every wired and wireless environment printing need. So get the most of your printers - with Axis!

- Multiprotocol wired or wireless printing
- Multilingual User Interface (English, French, German, Japanese and Spanish)
- High security using WEP encryption
- Embedded Web server for browser access
- Easy Installation and management using AXIS ThinWizard

Supported Printers

- Parallel printers from e.g. Canon, Epson, HP, Ricoh, Minolta, Lexmark and Xerox

Supported Systems

- Microsoft Windows: Windows NT version 3.5 and above, Windows for Workgroups, Windows 95, Windows 98, Windows Me, Windows 2000, Windows XP
  Print Methods: NetBEUI, LPR, Raw TCP

- Novell NetWare: NetWare 3.11, 3.12, 4.10, 4.11, 5 and above. Supports bindery emulation and NDS. Up to 16 bindery file servers and 96 print queues are served. Supports user messages. NDPS supported by versions 4.11 and above
  Print Methods: NDPS, RPRINTER/NPRINTER, PSERVER

- Microsoft LAN Manager: LAN Manager 2.0c and above, running under OS/2 version 1.3 and above
  Print Method: NetBEUI

- IBM LAN Server: LAN Server 1.3 and above, running under OS/2 version 1.3 and above including OS/2 Warp, OS/2 Warp Connect
  Print Method: NetBEUI

- LANtastic: LANtastic 7.0, from any of the supported Windows clients defined above
  Print Method: NetBEUI

- Additional Systems: All computers supporting the TCP/IP suite of protocols including: BSD systems: BSD 4.2, 4.3, 4.4, SunOS4 (SOLARIS 1.x), DEC Ultrix etc. System V systems: R3, R4, AT&T. Interactive, SCO, SUNOS5 (Solaris 2.x), HP-UX, Silicon Graphics IRIX, DEC Alpha OSF/1, IBM AIX, BULL (BOS, AIX), Linux Other systems: IBM (MVS,VM,VSE,OS/400), DEC VMS, guidelines for other systems
  Print Methods: LPD, FTP, PROS (named pipe and filtered), Reverse Telnet

- Apple EtherTalk: Print Method: AppleTalk Phase 2

- WWW: Netscape 4.7 or higher and MS Internet Explorer 4.0 or higher

Supported Protocols

- Windows and OS/2:NetBIOS/NetBEUI or TCP/IP, WINS

- **NetWare**: IPX, IP, SAP, RIP, SPX, and NCP (extended with NDS), NDPS, NLSP, DIAG, LIP

- LAN Manager/LAN Server: NetBIOS/NetBEUI

- LANtastic: NetBIOS/NetBEUI

- TCP/IP: LPD, FTP, Telnet, Reverse Telnet, PROS, BOOTP, ARP, RARP, DHCP, ICMP, IGMP, IP, TCP, UDP, HTTP, SNMP, TFTP, SLP, Raw TCP, IPP, Auto-IP, DDNS

- Apple EtherTalk: AAPR, ATP, DDP, NBP, PAP, RTMP, ZIP

Security

- NetWare: Encrypted passwords, NetWare Packet Signature Level 1, 2, 3

- UNIX/Linux: Root password, user access list and printer access

- Wireless: 64 or 128 bit WEP encryption

Network Management

- SNMP-MIB II compliant (over UDP/IP and IPX), private enterprise MIB included

- Print server/job/printer status presentation and management via NWAdmin/PCONSOLE

- AXIS ThinWizard for monitoring, configuration and firmware upgrading

Supported Languages

- English, French, German, Japanese, Spanish

Logical Connection

- Ethernet: Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously

- Fast Ethernet: Supports NWay that provides auto-detection of network speed. Use of IEEE802.2, IEEE802.3, SNAP and Ethernet II frame types simultaneously, full duplex

- Wireless: Use of IEEE802.2 and SNAP frame types simultaneously

Wired Network Attachments

- Ethernet: RJ-45 connector (Category 5 twisted pair cable) for 10baseT Ethernet or 100base TX Fast Ethernet

Wireless interface

- IEEE 802.11b compliant with data rates up to 11 megabits per second

- Output Power 15 dBm

- Sensitivity 11Mbps 10^{-5} BER @ -81 dBm, minimum

- Support for ad hoc and infrastructure mode

Logical Printers

- Logical printer ports can be programmed to perform auto ASCII to PostScript conversion, string before and after job, string substitution, alternative output and character set conversion

Parallel Ports

- Two 25-pin DSUB parallel ports, high-speed IEEE 1284 compliant

- Sustained throughput over 1 MB/sec using NetWare. Bi-directional support for Apple EtherTalk, Reverse Telnet, PROS.ECP support

Power Consumption

- Maximum 7,2 W

- Power provided by external supply

- Power Supply type PS-F, 5V DC 1500 mA or PS-H, 5.1V DC 2000 mA

Safety

- EN 60950:2000, approved power supplies for all countries

Hardware

- 32-bit 100 MHz AXIS ETRAX 100LX RISC Controller, 2 MB Flash memory, 8 MB RAM

Front Panel

- 2 LED indicators: Power and Network

- Test button for information print

Operating Environment

- Temperature: 40-105 °F (5-40 °C)
  Humidity: 10-95% non-condensing

Dimensions and Weight

- Height 1.2 in/2.9 cm
  Width 6.3 in/16.0 cm
  Depth 5.1 in/12.9 cm
  Weight 0.60 lb/0.27 kg

Approvals

- EMC: EN 55 022:1998 (CISPR 22:1997), Class B
  EN 55 024:1998
  EN 61000-3-2:1995+A1+A2+ Corrig.+A14
  EN 61000-3-3:1995+A1
  ETS 300 826
  FCC 47 CFR part 15

- Other: ETS 300 328
  ARIB T-66

For more information visit our website: **www.axis.com**

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