



AXIS 5800+ Mobile Network Print Server

Works with wires and without

AXIS 5800+ Mobile is the first print server that can print in wireless as well as wired (LAN) environments.

Freedom for Office Workers

With *Bluetooth™* wireless technology, AXIS 5800+ Mobile transforms standard printers into wireless printing stations with ability to print from mobile devices such as laptops and mobile phones. This solution gives mobile office workers the possibility to print last minute information whenever they need, wherever they are.

Integration into Existing Networks

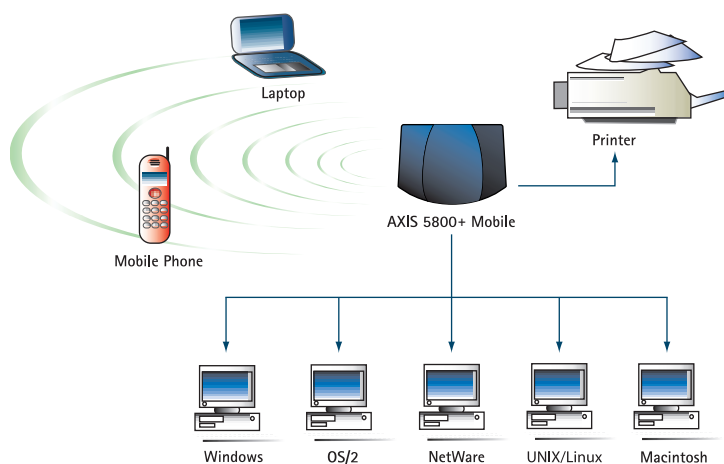
In addition to its wireless capabilities, AXIS 5800+ Mobile also works as a conventional print server for LAN networks. It integrates seamlessly into all network environments, just as any other Axis network print server.



Simplicity and Reliability

AXIS 5800+ Mobile offers network printer sharing in mixed environments with all the strengths of the latest Axis network print servers:

- Ready for wireless printing on power up and automatic discovery of available printers using AXIS Wireless Printing Utility
- Administration and monitoring from any Web browser using AXIS ThinWizard
- E-mail notification when printer needs assistance





Supported Printers

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

Supported Mobile Devices

- Laptops equipped with Bluetooth Software Suite 1.09 (and later) PC card and drivers from Motorola, Toshiba, IBM, Dell or NEC.
- Toshiba laptops with integrated *Bluetooth* support
- Laptops with Bluetooth support and client software supporting the HCRP profile
- Any mobile device capable of sending vObjects over OBEX, e.g. Ericsson R520, T68, T39 mobile phone (to PCL4 printers only)
- All clients supporting any of the Bluetooth printing profiles HCRP, OPP, SPP and APP

Supported Systems

- Microsoft Windows: Windows NT ver. 3.5 and above, Windows for Workgroups, Windows 95, 98, 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 ver. 1.3 and above
Print Method: NetBEUI
- IBM LAN Server: LAN Server 1.3 and above, running under OS/2 ver 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 & filtered), Reverse Telnet, Bluetooth
- Apple EtherTalk: Print Method: AppleTalk Phase 2
- WWW: Netscape 3.0 or higher and MS Internet Explorer 3.0 or higher

Supported Protocols

- Windows and OS/2: NetBIOS/NetBEUI or TCP/IP, WINS
- NetWare: IPX, IP, SAP, RIP, SPX, SNMP and NCP (extended with NDS), NDPS, NLSL, TCP/IP 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: AARP, ATP, DDP, NBP, PAP, RTMP, ZIP
- Bluetooth: Axis Print Profile, Object Push Profile

RF Specifications

- Unlicensed 2.4 GHz frequency band
- RX sensitivity -70 dBm
- TX power 0 dBm (Class 2)

Security

- NetWare: Encrypted passwords, NetWare Packet Signature Level 1, 2, 3
- UNIX/Linux: Root password, User access list and printer access

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, German, French, Spanish, Japanese

Logical Connection

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

Logical Printer Ports

- Programmable to perform auto ASCII to PostScript conversion, string before and after job, string substitution, alternative output and character set conversion

Network Attachments

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

Parallel Ports

- Two 25-pin DSUB parallel ports, high-speed IEEE 1284 compliant
- Sustained throughput over 1 MB/sec. Bi-directional support for Apple EtherTalk, Reverse Telnet, PROS. ECP support

Power Consumption

- Power provided by external supply (Maximum 1A at 5 VDC) For use only with Axis power supplies:
SA10-0515x PS-f (5 VDC, 1500 mA) - or -
SA120A-0530x-C PS-H (5.1 VDC, 2000 mA)

Wireless Performance

- 460 kbps over Bluetooth baseband link

Dimensions & Environmental

- Height 1.1 in/2.5 cm
Width 6.7 in/16.9 cm
Depth 5.5 in/13.5 cm
Weight 0.57 lb/0.25 kg
- Temperature: 40-105°F (5-40°C)
Humidity: 20-80% RH, non-condensing

Approvals

- EMC CE; EN 55022/1998, EN55024/1998, FCC Class A   **0682** 
- Approved for EU Members States, Norway and Switzerland

Safety

- EN 60950, approved power supplies for all countries

Hardware

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

Front Panel

- 2 LED indicators: Power and Network. Test button for information printouts



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