

# Product Guide

*Network Video, Network Printing and Document Handling*



# Welcome to Axis product guide

*We developed this guide to help you navigate our broad range of network video and network connectivity products. In this guide, you will find information about our products. If you are looking for comprehensive product specifications, or information about our solutions and customer cases, please go to our web site [www.axis.com](http://www.axis.com) or contact your local Axis office.*

## World leadership

Axis is the world market leader in network video products and the leading independent provider of print servers. We have been developing solutions that add value to your network since 1984 and specifically, network video solutions since 1996. With more than 350,000 professional network video products and over 3 million networking products installed, Axis has the experience to meet your company's needs. It is this experience, combined with our cutting-edge technology that makes Axis the obvious supplier to choose when it comes to network video and network printing.



## Product portfolio

Axis specializes in professional network video solutions for surveillance, remote monitoring and broadcasting. We also provide solutions for network printing and document handling.

Our range of products includes network cameras, video servers, network video decoders, network print servers, and network document servers.

## Technology leadership

The core of the Axis product offering is its in-house developed IP-based technology platform, which allows the company to quickly and cost-effectively adapt its market offering to new applications and product areas. The technology enables easy installation and provides compact and powerful solutions that enable equipment to be securely and rapidly connected to virtually any wired or wireless network.

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## Network Cameras

*Watch anything, from anywhere at anytime*

Axis network cameras provide an easy way to capture and distribute high quality video over any kind of IP network or the Internet. Images can be viewed using a standard web browser and stored on any hard disk. With built-in web server, Axis network cameras operate stand-alone and can be placed wherever there is an IP network connection.

They enable you to remotely view and record live video from anywhere in the world. Whether you need an IP-Surveillance solution to secure the safety of people and places, remotely monitor property and facilities, or broadcast events on the web with live images and sound, Axis can meet your needs.

### COMMON FEATURES

- ▶ "Axis Superior Image Quality"  
*For further information, please visit [www.axis.com/superior/](http://www.axis.com/superior/)*
- ▶ Direct connection to 10/100BaseT Ethernet networks or wireless
- ▶ Built-in web server - no need for additional hardware or software to capture and transfer images, and manage video
- ▶ Camera can be placed anywhere. PC-independent
- ▶ Security: multi user level password protection for restricted camera access
- ▶ Products with Motion JPEG, MPEG-2 and MPEG-4
- ▶ Powerful application programming interface (API) for software integration, and flash memory for upload of embedded applications\*

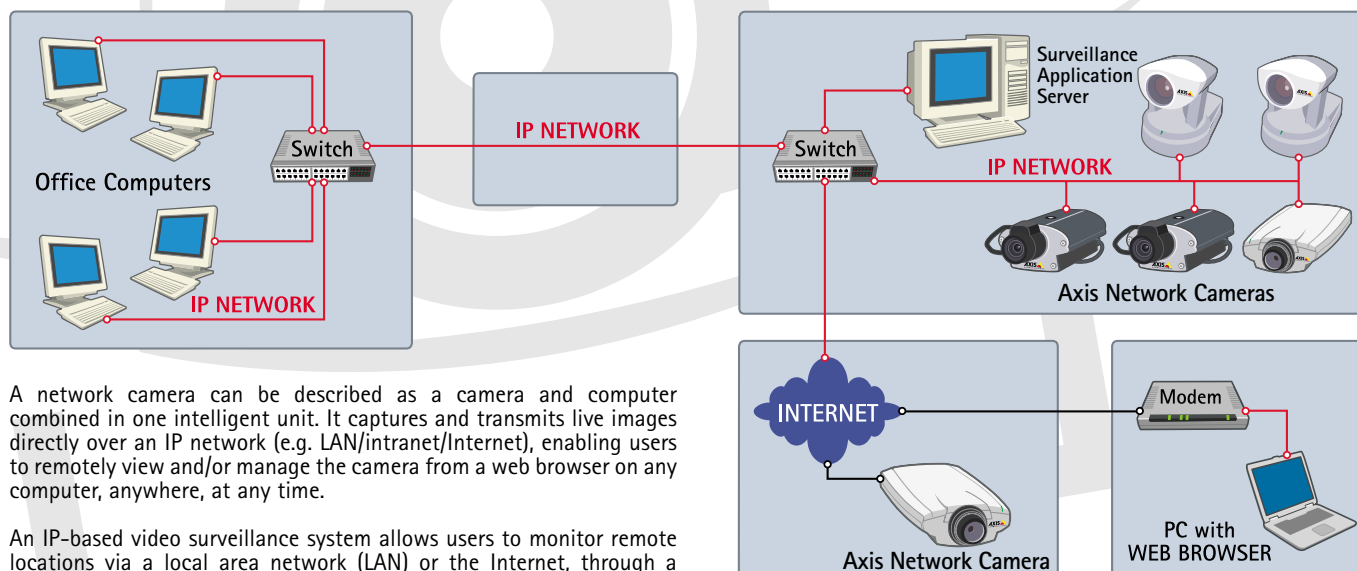


\*The programming capabilities range from basic support in the AXIS 205 and AXIS 206 product lines up to comprehensive support in the higher end network cameras.

### BENEFITS

- ▶ Remote access to live images, any time, anywhere, from any authorized computer
- ▶ Digital quality images for perfect viewing
- ▶ Many products based on progressive scan, giving less motion blur and clearer images than on interlaced video or DVRs
- ▶ Flexibility to place the network camera wherever a network connection is available
- ▶ Wide range of applications
- ▶ Future-proof: the video system can be expanded and grown as long as the network can
- ▶ Backed by the industry's largest base of application software for video and alarm management

### SYSTEM OVERVIEW



A network camera can be described as a camera and computer combined in one intelligent unit. It captures and transmits live images directly over an IP network (e.g. LAN/intranet/Internet), enabling users to remotely view and/or manage the camera from a web browser on any computer, anywhere, at any time.

An IP-based video surveillance system allows users to monitor remote locations via a local area network (LAN) or the Internet, through a dedicated surveillance application. Camera recordings can be stored on a storage media anywhere on the network.



## INDOOR FIXED NETWORK CAMERAS

### AXIS 205

The world's smallest network camera, for small businesses and home users who want a remote monitoring product with streaming video at an attractive price.



- ▶ Motion JPEG
- ▶ Three different resolutions, up to 640x480
- ▶ Up to 30 frames per second in all resolution modes
- ▶ Up to 20 simultaneous viewers
- ▶ Easy installation using the free AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software

### AXIS 206

The world's smallest network camera, for remote monitoring, with a light sensitivity never previously seen at this price level.



- ▶ Motion JPEG
- ▶ Four different resolutions, up to 640x480
- ▶ Up to 30 frames per second in all resolution modes
- ▶ Up to 20 simultaneous viewers
- ▶ High light sensitivity for low-light environments, down to 4 lux
- ▶ Easy installation using the free AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software
- ▶ Multilingual product interface - including English, French, German, Italian, Spanish, Chinese, Korean and Japanese
- ▶ AXIS Camera Explorer software included for easy viewing, management and recording

### AXIS 206M Megapixel

The world's smallest megapixel network camera. For remote monitoring or applications that require high quality, high resolution Motion JPEG images.



- ▶ Motion JPEG
- ▶ Up to 12 frames per second in resolutions ranging up to 1280x1024 pixels
- ▶ Up to 20 simultaneous viewers
- ▶ Multilingual product interface - including English, French, German, Italian, Spanish, Chinese, Korean and Japanese
- ▶ Easy installation using the free AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software
- ▶ AXIS Camera Explorer software included for easy viewing, management and recording

### AXIS 206W Wireless

The world's smallest wireless network camera, with built-in Wi-Fi 802.11b wireless connection giving you the freedom to place the camera where it's needed.



- ▶ Wireless operation via Wi-Fi compliant 802.11b (reach of up to 300 ft./100 m with clear line of sight) enables easy installation without the need for networking cables; hence, there is no port for an Ethernet cable
- ▶ Motion JPEG
- ▶ Up to 30 frames per second in all resolutions ranging up to 640x480
- ▶ Up to 20 simultaneous viewers
- ▶ Multilingual product interface - including English, French, German, Italian, Spanish, Chinese, Korean and Japanese
- ▶ Easy installation using the free AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software
- ▶ AXIS Camera Explorer software included for easy viewing, management and recording

### AXIS 210

Professional network camera with superior video quality for indoor surveillance and remote monitoring applications.



- ▶ Built-in video motion detection and advanced event management
- ▶ Supports simultaneous Motion JPEG and MPEG-4 streams
- ▶ Up to 30 frames per second in all resolutions ranging up to 640x480
- ▶ Up to 20 simultaneous viewers
- ▶ Easy installation using the free AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software
- ▶ One alarm input and one output for connecting external devices such as door sensors and relays to activate light or close doors





## INDOOR/OUTDOOR\* FIXED NETWORK CAMERAS

### AXIS 211

Professional network camera with superior video quality for indoor and outdoor surveillance and remote monitoring applications.

- ▶ Power over Ethernet (IEEE 802.3af)
- ▶ Varifocal DC-Iris lens with a light sensitivity of 0.75 to 500,000 lux
- ▶ Built-in video motion detection and advanced event management
- ▶ Supports simultaneous Motion JPEG and MPEG-4 streams
- ▶ Up to 30 frames per second in all resolutions ranging up to 640x480
- ▶ Up to 20 simultaneous viewers
- ▶ Easy installation using AXIS Internet Dynamic DNS Service or the Windows-based AXIS IP Utility software
- ▶ One alarm input and one output for connecting external devices such as door sensors and relays to activate light or close doors



### AXIS 211A

Professional network camera with superior video quality and two-way audio for indoor and outdoor surveillance and remote monitoring applications.

- ▶ Built-in or external microphone, and audio output for external speakers
- ▶ Same features as AXIS 211 above



### AXIS 2120

Professional network camera with solid metal casing and superior image quality, for indoor and outdoor surveillance applications.

- ▶ Varifocal lens with DC-Iris for optimal image quality in outdoor light conditions
- ▶ Built-in motion detection
- ▶ Motion JPEG
- ▶ Up to 30/25 frames per second
- ▶ Solid mechanical design with metal casing
- ▶ One alarm input and one output for connecting external devices such as door sensors and relays to activate light or close doors



### AXIS 221

High performance network camera for demanding security installations under all lighting conditions.

- ▶ IR sensitivity for high quality images in low light conditions
- ▶ Automatic day and night functionality with removable IR filter
- ▶ High quality Pentax varifocal DC-iris lens for optimal image quality in outdoor light conditions
- ▶ Progressive scan CCD
- ▶ Up to 45 frames per second in all resolutions ranging up to 640x480. Up to 60 frames per second in 480x360 or lower
- ▶ Power over Ethernet (IEEE 802.3af)
- ▶ Built-in multi-window video motion detection and advanced event management
- ▶ Supports simultaneous JPEG and MPEG-4 streams
- ▶ Solid mechanical design with metal casing
- ▶ Two alarm inputs and one output for connecting external devices such as door sensors and relays to activate light or close doors



### AXIS 2420

Professional network camera with solid metal casing, superior image quality and advanced features, for indoor and outdoor surveillance applications.

- ▶ Simultaneous use in analog and digital systems - Analog video output
- ▶ Support for third-party Pan/Tilt/Zoom devices
- ▶ Built-in motion detection
- ▶ Motion JPEG
- ▶ Up to 30/25 frames per second
- ▶ Solid mechanical design with metal casing
- ▶ One alarm input and one output for connecting external devices such as door sensors and relays to activate light or close doors
- ▶ Varifocal DC-iris lens for optimal image quality in outdoor light conditions
- ▶ Black and white infrared-sensitive version for extremely low light conditions also available (AXIS 2420 IR Sensitive)





## INDOOR/OUTDOOR\* FIXED NETWORK CAMERAS (cont'd)

### AXIS 230 MPEG-2

The market's most advanced network camera, for demanding surveillance applications.



- ▶ IR-sensitive day/night camera with 18x optical zoom lens with auto focus and 12x digital zoom
- ▶ 30/25 frames per second of DVD quality video and synchronized audio over IP networks
- ▶ MPEG-2 image compression
- ▶ Four different resolutions up to 720x576 and seven different quality levels
- ▶ Built-in microphone and support for external audio devices
- ▶ Audio level alarm (alert based on sound level picked up by the camera's microphone)
- ▶ Two alarm inputs and one output for connecting external devices such as door sensors and relays to activate light and close doors

## INDOOR/OUTDOOR\* NETWORK DOME CAMERAS

### AXIS 231D

Network dome camera with remote pan, tilt and zoom control for demanding surveillance applications.



- ▶ 18x optical zoom lens with auto focus and 12x digital zoom
- ▶ Remote pan, tilt and zoom control from any PC locally on the LAN or over the Internet
- ▶ Superior image quality in simultaneous Motion JPEG and MPEG-4 video streams (MPEG-4 available as a free software)
- ▶ Resolutions up to 768x576 at up to 25 fps (PAL) or 704x480 at up to 30 fps (NTSC)
- ▶ Operates down to 0.3 lux @ F1.4
- ▶ Strong network security package with HTTPS encryption, IP-address filtering and multiple access levels
- ▶ Four alarm inputs and four outputs for connecting external devices such as door sensors and relays to activate light and close doors
- ▶ Advanced event management including pre- and post image buffers

## INDOOR/OUTDOOR\* PAN/TILT/ZOOM CAMERA

### AXIS 213 PTZ

Professional PTZ network camera with remote pan, tilt, zoom control over IP networks.



- ▶ 26x optical zoom lens with auto focus
- ▶ IR mode with built-in IR lighting
- ▶ Provides useful video under all light conditions, indoor as well as outdoors
- ▶ Superior image quality in simultaneous Motion JPEG and MPEG-4 video streams
- ▶ Resolutions up to 768x576 at up to 25 fps (PAL) or 704x480 at up to 30 fps (NTSC)
- ▶ IP address filtering and multiple access levels for network security
- ▶ Advanced event management including pre- and post image buffers
- ▶ Optional AXIS 213CM Connection Module for two way audio + alarm inputs and outputs



### AXIS 232D

Day and night network dome camera designed for demanding security installations under all light conditions.



- ▶ Automatic day and night functionality with removable IR filter
- ▶ Operates down to 0.3 Lux in color and 0.005 Lux in IR-mode
- ▶ Same features as AXIS 231D above

### \* Outdoor use requires weatherproof housing

Axis offers convenient and tailor-made solutions for mounting Axis network cameras outdoors and in harsh, humid and dusty environments.

For a full list of available outdoor housings, please contact your local Axis office or visit:  
[www.axis.com/products/cam\\_housing/](http://www.axis.com/products/cam_housing/)





## TECHNICAL OVERVIEW OF NETWORK CAMERAS

Indoor					
Fixed Network Cameras					
Product name	AXIS 205	AXIS 206	AXIS 206M Megapixel	AXIS 206W Wireless	AXIS 210
Compression	Motion JPEG	Motion JPEG	Motion JPEG	Motion JPEG	Motion JPEG MPEG-4
Frames per second	Up to 30, for all resolutions	Up to 30, for all resolutions	Up to 12 for all resolutions	Up to 30, for all resolutions	Up to 30, for all resolutions
Audio support					
Motion detection					✓
Pan/Tilt/Zoom control					
Max video resolution (pixels)	640 x 480	640 x 480	1280 x 1024	640 x 480	640 x 480
Image sensor	1/4" progressive scan CMOS	1/4" Micron progressive scan CMOS	1/2" Micron progressive scan CMOS	1/4" Micron progressive scan CMOS	1/4" Sony Wfine progressive scan RGB CCD
Lens type	4.0 mm/F 2.0 fixed iris	4.0 mm/F 2.0 fixed iris	4.0 mm/F 2.0 fixed iris	4.0 mm/F 2.0 fixed iris	4.0 mm/F 2.0 fixed iris CS mount
Lens changeable					✓
Light sensitivity (Lux)	10 - 10.000	4 - 10.000	10 - 10.000	4 - 10.000	3 - 10.000
Analog video output					
Ethernet networks	10BaseT/100BaseTX	10BaseT/100BaseTX	10BaseT/100BaseT	WiFi 802.11b	10BaseT/100BaseTX
Modem support					
Serial connectors					
Alarm input/output					1/1
Included software		AXIS Camera Explorer	AXIS Camera Explorer	AXIS Camera Explorer	
Security	Multiple access levels	Multiple access levels	Multiple access levels	Multiple access levels	Multiple access levels and IP filtering

## About Axis' MPEG-4 support

Select Axis video products feature advanced real-time video encoding that can deliver simultaneous MPEG-4 and Motion JPEG streams. This gives users the flexibility to maximize image quality for recording and reduce bandwidth needs for live viewing.

Axis MPEG-4 follows the ISO/IEC 14496-2 standard and provides Advanced Simple Profile (ASP) at level 5. With a wide range settings, it is possible to configure the streams to be optimized for both bandwidth and quality. The Axis Media Control (AMC) with MPEG-4 decoder included, makes

viewing of streams and integration into applications easy.

Furthermore, Axis' multicasting support enables an unlimited number of viewers without sacrificing network system performance.





## TECHNICAL OVERVIEW OF NETWORK CAMERAS

Indoor/outdoor <sup>(1)</sup>						
Fixed Network Cameras					Pan/Tilt/Zoom Camera	Network Dome Cameras
AXIS 211 AXIS 211A	AXIS 221	AXIS 2120	AXIS 2420 <sup>(2)</sup>	AXIS 230 MPEG-2	AXIS 213 PTZ	AXIS 231D AXIS 232D
Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG	Motion JPEG	MPEG-2	Motion JPEG MPEG-4	Motion JPEG MPEG-4
Up to 30, for all resolutions	Up to 45, for all resolutions	Up to 30/25 (NTSC/PAL)	Up to 30/25 (NTSC/PAL)	30/25 (NTSC/PAL)	Up to 30, for all resolutions	Up to 30, for all resolutions
Full duplex <sup>(3)</sup>		Full duplex with AXIS 2191	Full duplex with AXIS 2191	Simplex	With AXIS 213CM	
✓	✓	✓	✓ <sup>(4)</sup>	Zoom built-in <sup>(4)</sup>	✓	✓
640 x 480	640 x 480	704 x 576 (PAL) 704 x 480 (NTSC)	704 x 576 (PAL) 704 x 480 (NTSC)	720 x 576 (PAL) 720 x 480 (NTSC)	768 x 576 (PAL) 704 x 480 (NTSC)	768 x 576 (PAL) 704 x 480 (NTSC)
1/4" Wfine HAD progressive scan RGB CCD	1/3" Sony Wfine progressive scan RGB CCD Day/Night functionality	1/3" Sony ExView HAD interlaced CCD	1/3" Sony ExView HAD interlaced CCD	1/4" Sony ExView HAD interlaced CCD Day/Night functionality	1/4" interlaced CCD	1/4" Sony ExView HAD interlaced CCD Day/Night functionality <sup>(5)</sup>
Varifocal 3.0 - 8mm/F 1.0 DC-iris lens CS mount	Varifocal 3.0 - 8mm/F 1.0 DC-iris lens CS mount	Varifocal 3.0 - 8mm/F 1.4 DC-iris lens CS mount	Varifocal 2.8 - 12 mm/F1.4 DC-iris lens CS mount	4.1 - 73.8 mm auto iris and auto focus lens 18x optical zoom 12x digital zoom	3.5 - 91 mm auto iris and auto focus lens 26x optical zoom 12x digital zoom	4.1 - 73.8 mm auto iris and auto focus lens 18x optical zoom 12x digital zoom
✓	✓	✓	✓			
0.75	0.65 (Color) IR mode: not measurable	1	1 (Color) 0.5 (B/W) <sup>(2)</sup>	0.3 (Color) 0.005 (B/W)	1 lux in normal mode, complete darkness IR mode	0.3 (Color) down to 0.005 (B/W) <sup>(5)</sup>
			✓	✓	With AXIS 213CM	
10/100BaseT, PoE <sup>(6)</sup>	10/100BaseT, PoE <sup>(6)</sup>	10BaseT/100BaseTX	10BaseT/100BaseTX	10BaseT/100BaseTX	10BaseT/100BaseTX	10BaseT/100BaseTX
	RS232, RS485/422	✓	✓			
1/1	2/1	RS232	RS232, RS485/422	RS232, RS485/422	2/3 (with AXIS 213CM)	4/4
		1/1	1/1	2/1		
Multiple access levels and IP filtering	Multiple access levels, IP filtering and HTTPS <sup>(7)</sup>	Multiple access levels	Multiple access levels	Multiple access levels, IP filtering and HTTPS <sup>(7)</sup>	Multiple access levels and IP filtering	Multiple access levels, IP filtering and HTTPS <sup>(7)</sup>

(1) Outdoor use requires weather-proof housing

(2) B/W IR Sensitive version also available

(3) AXIS 211A only

(4) Requires additional third party Pan/Tilt device for Pan/Tilt control

(5) AXIS 232D only

(6) Supports Power over Ethernet in accordance with the IEEE 802.3af standard

(7) This product includes software developed by the Open SSL Project for use in the OpenSSL Toolkit (<http://openssl.org>)



## Video Servers

*Helping you migrate your analog security system into an IP-based video solution*

Axis video servers integrate easily into your existing analog CCTV (closed circuit television) system. A video server digitizes analog video signals and distributes digital images directly over an IP-based network (e.g. LAN/intranet/Internet),

turning analog cameras into network cameras and enabling users to view live images from a web browser on any networked computer, anywhere and at any time.

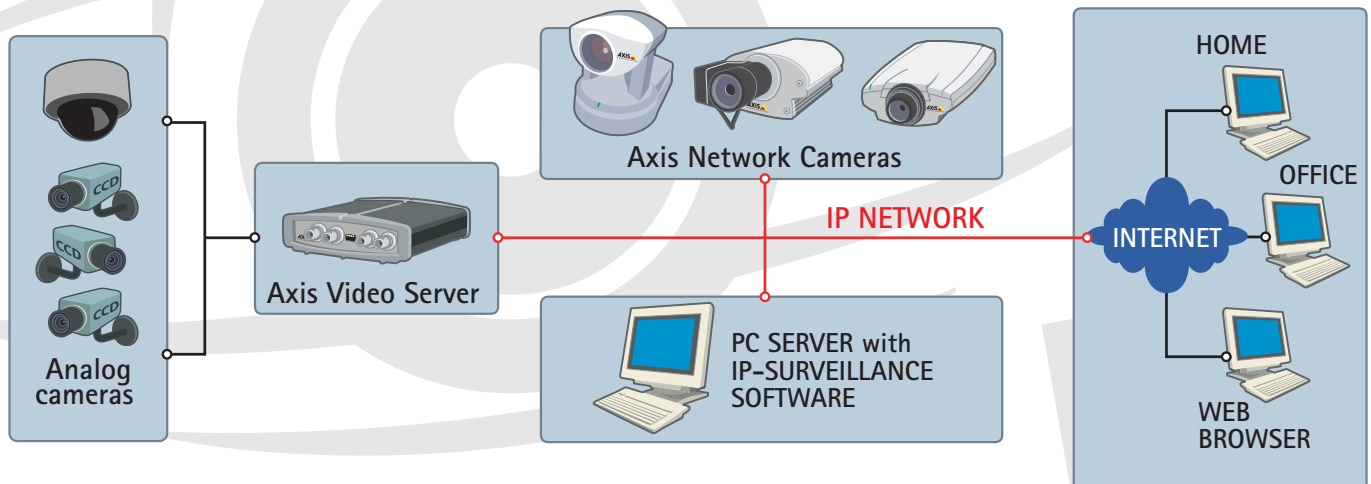
### COMMON FEATURES

- High-quality video from analog video sources
- Direct connection to 10/100BaseT Ethernet networks
- Independent system with embedded web server
- Remote configuration and status using web-based tools
- Blade versions available for use in 19" rack mount (except for AXIS 2411)
- Products with Motion JPEG, MPEG-2 and MPEG-4
- HTTP-based application programming interface (API) for integration with applications

### BENEFITS

- Remote access to live images, any time, anywhere, from any computer
- Ease of integration and future-proof
- Lower total cost of ownership by leveraging existing network infrastructure and legacy equipment
- Convenient digital video storage
- Increased functionalities compared to CCTV system
- Wide range of application software from Axis' Application Developer Partners

### SYSTEM OVERVIEW



A video server includes one or more analog video inputs, image digitizer, image compressor and web server with network interface. Video servers digitize analog video sources and distribute digital images over a computer network, turning an analog camera into a network camera. It is ideal for migrating an existing analog system to a network video solution.

By combining an analog CCTV system with a network video system, you acquire all the functionality and benefits that digital technology offers: remote accessibility, cost-effectiveness, flexibility, scalability, integration and future-proof functionality, and superior image quality.



## 1-PORT VIDEO SERVERS



### AXIS 241S

The AXIS 241S has one analog video input and one video loop-through port for an analog monitor, in addition to an Ethernet connection, and I/O connections.

- ▶ Supports simultaneous Motion JPEG and MPEG-4 streams
- ▶ Up to 30/25 frames per second
- ▶ 10 different resolutions up to 768x576 (PAL) and 704x480 (NTSC), and 5 different compression levels
- ▶ Built-in video motion detection
- ▶ 4 freely configurable alarm inputs and 4 outputs
- ▶ 9 MB pre/post alarm memory per channel
- ▶ Support for third-party Pan/Tilt/Zoom devices, using uploadable PTZ drivers
- ▶ Advanced event handling with multiple ways of notification via e-mail, TCP and HTTP, and video uploading via e-mail, FTP and HTTP
- ▶ Image customization with text, time/date and image overlay
- ▶ Supports up to 20 simultaneous viewers
- ▶ Strong security package with multi-level password, HTTPS and IP-filtering
- ▶ Auto sensing for PAL and NTSC

### AXIS 250S MPEG-2

Cost-effective and independent system for streaming DVD-quality video with synchronized stereo audio across networks.



- ▶ 30/25 frames per second
- ▶ Real-time MPEG-2 hardware compression and transmission; high resolution video at full motion speed
- ▶ Up to 1 minute of pre-alarm video buffer
- ▶ Support for third-party Pan/Tilt/Zoom devices, using uploadable PTZ drivers
- ▶ Multicast support: any number of clients can view the MPEG-2 video stream simultaneously on a local network
- ▶ 4 alarm inputs and 1 alarm output
- ▶ Supports both composite and Y/C (S-VHS) video

### AXIS 2401+

Connects to one analog camera and provides a connection to an Ethernet network.



- ▶ Up to 30/25 frames per second with Motion JPEG
- ▶ User-controlled compression levels
- ▶ 1 analog video input with loop-through connector
- ▶ 4 alarm inputs and 1 output
- ▶ Event handling including mail, TCP, HTTP and FTP notification and video upload
- ▶ Auto sensing for PAL and NTSC
- ▶ Support for multiple third-party Pan/Tilt/Zoom devices
- ▶ Modem support
- ▶ Support for audio using additional AXIS 2191 Audio Module and direct dial-up using external modem



### AXIS 2411

Entry-level, single channel video server that digitizes and compresses video from an analog camera to provide high quality, digital image streams over an IP network.

- ▶ A compact solution for video transmission over distances
- ▶ High quality Motion JPEG images - at up to 30 frames per second

## 4-PORT VIDEO SERVERS



### AXIS 241Q

Connects up to four analog cameras and transmit digital video from all four channels simultaneously via an Ethernet connection.

- ▶ Up to 120/100 frames per second
- ▶ Other features the same as AXIS 241S, excluding Y/C support (please refer to "1-port video servers" for details)

### AXIS 2400+

Connects up to 4 analog video cameras (quad image view), including up to 4 Pan/Tilt/Zoom video cameras.



- ▶ Same features as AXIS 2401+ (please refer to "1-port video servers" for details)



## TECHNICAL OVERVIEW OF VIDEO SERVERS

	1-port Video Servers				4-port Video Servers	
Product name	AXIS 241S	AXIS 250S MPEG-2	AXIS 2401+	AXIS 2411	AXIS 241Q	AXIS 2400+
Compression	Motion JPEG MPEG-4	MPEG-2	Motion JPEG	Motion JPEG	Motion JPEG MPEG-4	Motion JPEG
Total FPS (NTSC/PAL)	Up to 30/25	30/25	Up to 30/25	Up to 30/25	Up to 30/25 per channel	Up to 30/25
Audio support		✓ synchronized audio (included)	✓ <sup>(1)</sup>			✓ <sup>(1)</sup>
Pan/Tilt/Zoom control	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>	✓ <sup>(2)</sup>		✓ <sup>(2)</sup>	✓ <sup>(2)</sup>
Max video resolution (pixels)	768 x 576 (PAL) 704 x 480 (NTSC)	720 x 576 (PAL) 720 x 480 (NTSC)	704 x 576 (PAL) 704 x 480 (NTSC)	704 x 576 (PAL) 704 x 480 (NTSC)	768 x 576 (PAL) 704 x 480 (NTSC)	704 x 576 (PAL) 704 x 480 (NTSC)
Video source	1 BNC composite input NTSC/PAL Auto sensing <sup>(3)</sup>	1 BNC composite or Y/C video (S-VHS) input NTSC/PAL Auto sensing	1 BNC composite input NTSC/PAL Auto sensing	1 BNC composite input NTSC/PAL Auto sensing	4 BNC composite input NTSC/PAL Auto sensing	4 BNC composite input NTSC/PAL Auto sensing
Security	HTTPS <sup>(4)</sup> IP Filtering Multiple access levels	IP Filtering Multiple access levels	Multiple access levels	Multiple access levels	HTTPS <sup>(4)</sup> IP Filtering Multiple access levels	Multiple access levels
Video motion detection (VMD)	✓				✓	
Analog loop- through port	✓		✓			
Ethernet networks	10/100 BaseT	10/100 BaseT	10/100 BaseT	10/100 BaseT	10/100 BaseT	10/100 BaseT
Modem support			✓			✓
Serial connectors	RS232, RS485	RS232, RS422, RS485	2xRS232, RS422, RS485		RS232, RS485	2xRS232, RS422, RS485
Alarm input/output	4/4	4/1	4/1		4/4	4/1
Blade version available	✓	✓	✓		✓	✓

(1) Requires the AXIS 2191 Audio Module

(2) Requires addition third party Pan/Tilt/Zoom device

(3) AXIS 241S accept Y/C video by use of converter cable, not included

(4) This product includes software developed by the Open SSL Project for use in the OpenSSL Toolkit (<http://openssl.org>)



## FOR ENTERPRISE INSTALLATIONS

### AXIS Rack Solution



The AXIS Rack Solution enables large, surveillance installations to quickly install many video servers in the same rack.

Solution components:

- ▶ 19-inch AXIS Video Server Rack
  - 12 slots for Axis video server blades; "Hot Swap" support
  - Network, serial communication and I/O connectors at the rear of each slot, and common power supply
  - Expandable system, simply by adding blades and wiring up
  - Integrated power supply for easy installation/expansion, and easy addition of back-up power solutions
  - Higher density of video channels compared with stand-alone solutions
  - Improved serviceability and trouble-free unit replacement
- ▶ Any combination of AXIS 2400+, AXIS 2401+, AXIS 250S, AXIS 241Q and AXIS 241S Blade Video Servers

## Network Video Decoders

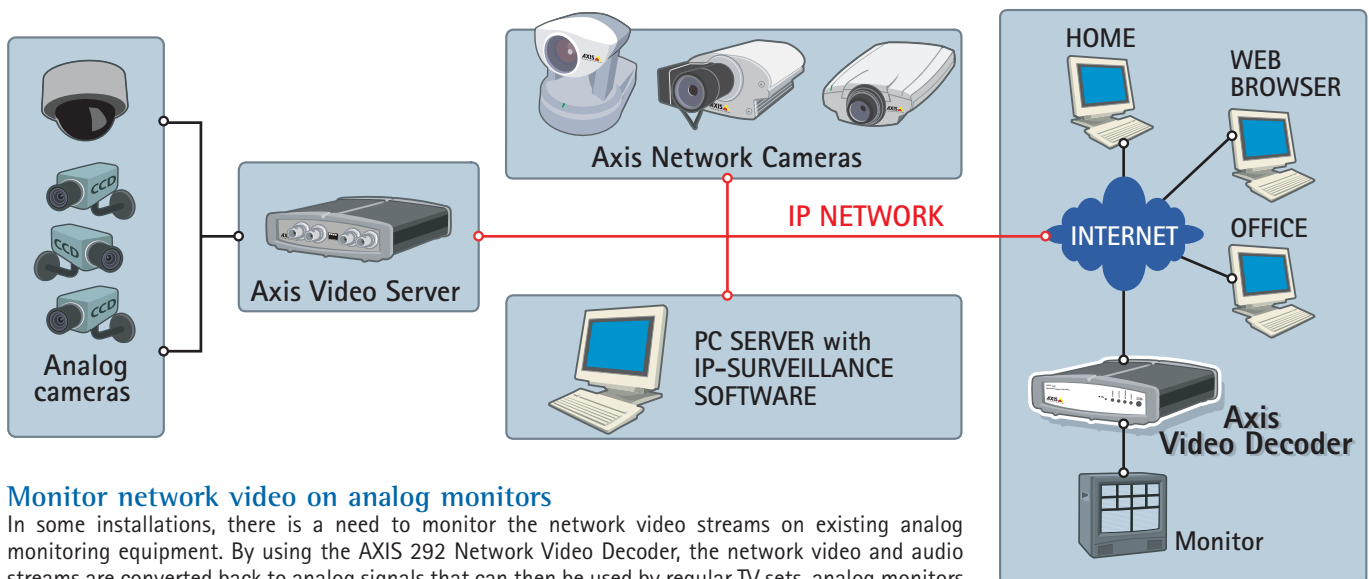
### AXIS 292 Network Video Decoder



The AXIS 292 decodes digital video and audio streams for analog systems. It converts audio, and both full frame rate MPEG-2 and Motion JPEG streams from a remote networked source to high-resolution, superior image quality analog composite or Y/C video.

- ▶ Decodes network video and audio without the need for a PC
- ▶ Provides one channel of video and simplex audio
- ▶ Supports both Composite (BNC and RCA) and Y/C (S-VHS) (Mini-Din) video out
- ▶ Supports all MPEG-2 and Motion JPEG based Axis products, automatically detects the format used
- ▶ Capable of decoding video at full frame rate (30/25 fps)
- ▶ Video enable button (connect/disconnect)
- ▶ Resolution of analog video over 500 TVL

## SYSTEM OVERVIEW



### Monitor network video on analog monitors

In some installations, there is a need to monitor the network video streams on existing analog monitoring equipment. By using the AXIS 292 Network Video Decoder, the network video and audio streams are converted back to analog signals that can then be used by regular TV sets, analog monitors and video switches.





## Software for Axis network video products

*Remote viewing, recording and event management*

Axis offers several network video software solutions that complement our network cameras and video servers. Axis' Application Development Partners (ADP) can also offer a wide

range of complete video application solutions that meet varying specifications and requirements for different application areas.

### VIEWING, RECORDING AND EVENT MANAGEMENT

#### AXIS Camera Station

The AXIS Camera Station is an IP-Surveillance software that works with Axis network cameras and video servers to provide video monitoring, recording and event management functions. Users can record video continuously, on schedule, on alarm and/or on motion detection. The software has multiple search functions for recorded events. Remote viewing and playback are also possible with the use of a Web browser or the AXIS Camera Station Windows client.

#### AXIS Camera Recorder

The AXIS Camera Recorder software offers users automatic recording and live monitoring functions for security surveillance at an attractive price level. Users can record video continuously, on schedule, on alarm and/or on motion detection. The software offers alerts to alarm events via computer sound or e-mail, as well as search functions based on event or date and time.

### VIEWING

#### AXIS Camera Explorer and AXIS Camera Explorer for Pocket PC

AXIS Camera Explorer software enables viewing on a PC and PDA operating on Windows, as well as manual recording of video on a PC, directly in Microsoft Windows Explorer.

### APPLICATION DEVELOPMENT PARTNERS

Axis' Application Development Partners (ADP), which comprise more than 200 companies, give you access to a wide variety of software solutions for security surveillance, remote monitoring or broadcasting needs that are fully compatible with Axis network video products.

For further information, please visit [www.axis.com/partner/adp\\_partners.htm](http://www.axis.com/partner/adp_partners.htm)

#### AXIS Camera Station User interface

AXIS Camera Station runs as a Windows service in the background on a dedicated PC. Since remote viewing and playback are possible with the use of a web browser or with the AXIS Camera Station's Windows client, there is no need to be at the PC that is doing the actual recording.

Red frame around image when recording

Live view



View selection 4,6,9,10,13 or 16 spit view.

I/O control

View recordings

Event log



## TECHNICAL OVERVIEW

Software	AXIS Camera Station	AXIS Camera Recorder	AXIS Camera Explorer	AXIS Camera Explorer for Pocket PC
Application	Recording and security surveillance/ remote monitoring	Recording and security surveillance/ remote monitoring	Remote viewing	Remote viewing
Live viewing	Up to 25 (16 in same view)	Up to 16	4	1
Recording modes	Scheduled, motion detection, alarm triggers, manual recording	Manual, scheduled, motion detection, alarm triggers	Manual	Manual
Provides motion detection (whether camera has built-in video motion detection or not)	✓	✓		
Supports built-in video motion detection in Axis network video products (saves use of bandwidth)	✓			
Recording length	No limit	Limited <sup>(1)</sup>	Short-term recommended	Short-term recommended
Archiving	✓			
Remote viewing and playback via the Web	✓			
Remote viewing, playback and administration via Windows client	✓			
User controlled access per camera	✓			
Audio support	(2)			
Alarm alert functions (beep and e-mail)	✓	✓		
Interactive PTZ control	✓	✓	✓	
Event-based search function	✓			
Event logging	✓	✓		
Language support	English, French <sup>(3)</sup> , Italian <sup>(3)</sup> , German <sup>(3)</sup> , Spanish <sup>(3)</sup>	English, German, French, Spanish	English, Japanese	English
Works on PC/workstation	✓	✓	✓	
Works on PDA running Pocket PC 2002/2003				✓

(1) 600,000 image frames per camera. For motion detection or I/O events, this corresponds to 30, 2-minute events at 6 frames per second per day for one month. For continuous recordings, this corresponds to 24 hours at 7 fps or 1 week at 1 fps

(2) Full duplex audio without recording

(3) Q2-2005

## Bundles

*Complete solutions and special offers*

Axis offers a number of product bundles, for instance a network camera with outdoor housing and a package of several network cameras with video software. These solutions

let you get started quickly with your video application. For a full list of available bundles and special offers, please visit [www.axis.com](http://www.axis.com) or contact your local Axis office.



## Hardware accessories

*A full range of accessories for all your video communication needs*

Axis provides a wide range of complementary audio, video and network accessories and devices for your network cameras and video servers.

A full list of available accessories can be found on Axis' website at [www.axis.com/products/video/accessories/](http://www.axis.com/products/video/accessories/)

### AXIS 2191 Audio Module

Used together with Axis network cameras and video servers, the AXIS 2191 Audio Module enhances video communication with audio capability.

- ▶ Easy access to real-time audio and video over networks and the Internet
- ▶ Two-way audio communication in full duplex via Internet Explorer
- ▶ No extra software required

*(for use with AXIS 2100, 2110, 2120 and 2420 Network Cameras, and AXIS 2400+ and 2401+ Video Servers). For an updated list of products supported by the AXIS 2191 Audio Module, please visit our website.*

### AXIS 2490 Serial Server

The AXIS 2490 Serial Server allows serial devices to connect directly to an Ethernet network without using a PC, thus providing remote access to these resources via HTTP and TCP/IP.

- ▶ Connects serial devices to IP networks (Ethernet/Fast Ethernet)
- ▶ Built-in web server
- ▶ Two RS-232 ports and one RS-485/422 port
- ▶ Password protection and IP address filtering

### Protective housings

For mounting Axis network cameras outdoors and in harsh, humid and dusty indoor environments.

- ▶ Various housings available

### Power over Ethernet

Network video without the need for power outlets.

- ▶ With the use of Power over Ethernet products, Axis network video products can receive both data and power over a single Ethernet cable

### IR illuminators

Infrared light for indoor/outdoor surveillance in low light or complete darkness.

- ▶ Semi-covert or completely covert models available
- ▶ Use with AXIS 213 PTZ, AXIS 230, AXIS 232D and AXIS 2420 - IR Sensitive

### Lenses and lens accessories

- ▶ Lens 4mm CS mount
- ▶ Lens CS varifocal 3.5-8mm DC-IRIS
- ▶ CS mount ring for AXIS 2120
- ▶ Lock ring AXIS 2120

### 802.11g EZ Connect™ SMC2870W

Enables wireless connection for all Axis network cameras and video servers.

- ▶ 2.4GHz 54 Mbps Wireless Ethernet Adapter
- ▶ IEEE 802.11b- and 802.11g-compliant
- ▶ Can be switched between Access Point and Bridge (Device Point) mode

### Mounting accessories

- ▶ Stand cam metal
- ▶ Stand cam plastic
- ▶ MNT brack kit AXIS 240/2400

### Connectors and cables

- ▶ Cable serial null modem
- ▶ Terminal Conn. 4P 3.81mm
- ▶ Terminal Conn. 8P 3.81mm

### Power accessories

- ▶ Mains adapters and extension cables





# Network Document Servers

*Instant digitized document distribution over IP networks*

Axis network document Servers are the ideal solution for instant digitized document distribution over IP networks. Faster, cheaper and safer than fax, traditional mail and overnight courier, they give users the ability to turn paper documents into digital format. Documents can then be sent

anywhere across networks - instantly. You reduce the cost of paper, streamline and speed up distribution, and make every important document available to everyone who needs it, in a secure way, using one common platform - e-mail.

## COMMON FEATURES

- ▶ Supporting scanner devices from leading manufacturers such as Canon, Epson, Fujitsu, HP, Panasonic and Ricoh
- ▶ Direct connection to Ethernet/Fast Ethernet networks; no PC needed; works on all TCP/IP platforms
- ▶ Communicates using existing Internet connection, not expensive phone lines
- ▶ Sends documents directly to the recipient's e-mail Inbox, without delay

## BENEFITS

- ▶ Easier, faster and cheaper than traditional distribution methods
- ▶ Integrates easily with document management and archiving systems
- ▶ Cost-effective
- ▶ Supports better image quality than a fax and is not limited to black and white

### AXIS 70U

The AXIS 70U Network Document Server is the easy solution for digitized document distribution over IP networks.



- ▶ Connects popular office scanners up to 15 ppm
- ▶ Supports standard paper formats (depending on scanner capabilities)
- ▶ Standard image formats such as PDF, TIFF, JPEG and PCL
- ▶ Sends documents to e-mail addresses, file servers, printers, URLs or the Web
- ▶ Easily integrates with applications using XML
- ▶ Sends delivery confirmations via e-mail

### AXIS 7000

The AXIS 7000 Network Document Server is the ideal solution for versatile document management over IP networks.



- ▶ Connects and networks a broad range of office and production scanners
- ▶ Supports any paper format (up to A3/11x17")
- ▶ Standard image formats such as PDF, TIFF, JPEG and PCL
- ▶ Sends documents to e-mail addresses, file servers, printers, URLs or the Web
- ▶ Easily integrates with applications using XML
- ▶ Sends delivery confirmations via e-mail

## TECHNICAL OVERVIEW

Model	Recommended usage		Connections		Supported devices						Functions and features	
	Document distribution and archiving	Integration with applications and databases	Scanner	Network:	Optional keyboard	Office	Profiles		Distribution methods	NT (2000) Authentication LDAP Address book XML support		
		SCSI-2	10/100 Ethernet	Mini-DIN	scanners	TIFF, JPEG, PCL, PDF	Duplex	B/W grayscale color			Send-to File/URL/Print, E-mail	
AXIS 70U	✓	✓	✓	Connector: RJ45	✓	✓	✓	✓	✓	✓	✓	
AXIS 7000	✓	✓	✓	Connector: RJ45	✓	✓	✓	✓	✓	✓	✓	



## Network Print Servers

*Intelligent printer connectivity for any printing need*

Axis provides a wide range of print servers to meet your specific printing needs. With over 20 years of networking excellence and the most complete family of wired and wireless printing solutions, Axis print servers deliver the intelligence

and open connectivity for sharing any printer over any network. From small offices and local networks to large organizations and enterprise networks, Axis can offer proven and reliable network printing solutions for every need.

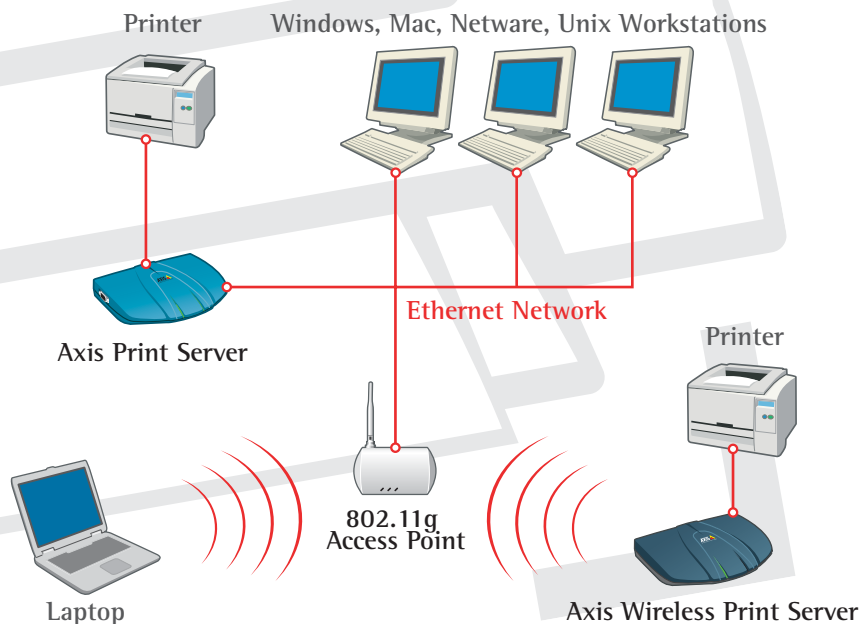
### COMMON FEATURES

- Compatibility with all printer brands on the market
- Simultaneous multiprotocol support for printer sharing across many different platforms
- Web-based management
- Client software for ease of installation

### BENEFITS

- The most complete range of reliable, scalable print solutions for small offices to large enterprises
- Intelligent and open connectivity for any printer\*, anywhere
- Ease of use: simple access to printer resources for everyone
- Uniform network management for greater control
- Flexibility

### SYSTEM OVERVIEW



A network print server is a dedicated server that connects a printer directly to a network. It enables users to print independently of the file server or a dedicated PC.

A wireless print server connects a printer to a wireless network and enables users to print wirelessly from portable devices such as mobile phones, laptops, PDAs and digital cameras. Axis wireless print

servers use radio technology such as IEEE 802.11b/g or Bluetooth™ wireless technology. This means there is no need for cables, connectors or other networking hardware.

Proven and reliable with over 3 million printers networked with Axis print servers worldwide, Axis helps you network any popular printer\* brand and type.

\* Host based printers such as GDI, CAPT and PPA are not supported





## PROFESSIONAL PRINT SERVERS

*High performance print servers that make your daily work easier*

Axis' professional print servers are specially designed to network printers in complex and demanding environments. All models combine high flexibility, stability, broad protocol support and extensive management possibilities. In addition, ease of use is emphasized with multi-language support, Rendezvous

support and a new automated network printer installation tool for Windows. High performance, multi-unit management and secure administration makes these print servers the natural choice for professional use in any business, from small companies to large enterprises.



### AXIS 5400+

Single parallel port pocket print server.

- ▶ 10BaseT/100BaseTX Ethernet
- ▶ Plugs directly into the parallel port of any printer\*



### AXIS 5500

USB pocket print server.

- ▶ 10BaseT/100BaseTX Ethernet
- ▶ Connects to the USB port of any printer\*



### AXIS 5550

Print server supporting both parallel and USB printers.

- ▶ 10BaseT/100BaseTX Ethernet
- ▶ Print to USB and parallel printers\* simultaneously

### AXIS 5600+

Multiport print server for efficient printer sharing.

- ▶ 10BaseT/100BaseTX Ethernet
- ▶ Print to 2 parallel and 1 serial printers\* simultaneously



### AXIS 5900

Wireless dual port print server.

- ▶ 10BaseT/100BaseTX Ethernet or 802.11b wireless networks
- ▶ Print to 2 parallel printers\* simultaneously



## HOST-TO-LAN PRINT SERVERS

*Print from IBM host systems via any port to any printer\**

Axis' Host-to-LAN print servers are an extension of our "professional" offering, including all the extensive functionalities of this print server family. In addition, they convert IBM print data streams (IPDS to PostScript or PCL, and SCS to PCL and Matrix) and support IBM protocols (SNA, TN3270E and

TN5250E). These reliable, high-performance print servers make it possible to use virtually any printer with your IBM Mainframe or AS/400 system - without loading it with heavy conversion jobs.



### AXIS 5570e

Pocket print server supporting both parallel and USB printers.

- ▶ 10BaseT/100BaseTX Ethernet
- ▶ Print to USB and parallel printers\* simultaneously
- ▶ Available in two versions: 'TCP/IP' for SCS conversion and 'IPDS SNA' adding IPDS conversion and SNA support

\* Host based printers such as GDI, CAPT and PPA are not supported

### AXIS 670e

Token Ring print server for IBM Mainframe and AS/400 environments.

- ▶ 4/16 Token Ring networks
- ▶ Print to 2 parallel and 1 serial printers\* simultaneously





# NETWORK PRINTING

Professional

Host-to-LAN

Small Office

Classic

## SMALL OFFICE PRINT SERVERS

*Sharing printers has never been easier*

Axis' small office print servers, focused on ease of use, are specially designed for the needs of small and home offices. These print servers have inherited the well-known quality, performance and stability of the professional print server family - without the extensive flexibility, protocol support and management

capabilities, which are not needed in small networks. In addition, ease of use is emphasized with multi-language support, Rendezvous support and a new automated network printer installation tool for Windows.

### AXIS OfficeBasic USB

USB pocket print server.

- › 10BaseT/100BaseTX Ethernet
- › Connects to the USB port of any printer\*



### AXIS OfficeBasic USB Wireless

Wireless USB pocket print server.

- › Support for 802.11b wireless networks
- › Connects to the USB printer\* port



### AXIS OfficeBasic Parallel

Parallel port pocket print server.

- › 10BaseT/100BaseTX Ethernet
- › Plugs directly into the parallel port of any printer\*



### AXIS 5810 Print Plug

Pocket-sized Bluetooth wireless print server.

- › Bluetooth printing from a PC, PDA or mobile phone
- › Plugs directly into the parallel port of any printer\*



### AXIS 1650<sup>(1)</sup>

Pocket print server for Canon printers.

- › Support for Canon printers and multifunctional products : including support for the host-based printing methods CAPT, Canon Advanced Raster Printing System and other printer types, such as Canon BubbleJet
- › 10BaseT/100BaseTX Ethernet
- › Print to USB or parallel printers\*



(1) in North America: ask your local office for availability

## CLASSIC PRINT SERVERS

*10Mb and Token Ring Print Servers*

Axis' range of classic print servers is comprised of solutions for 10Mb Ethernet and Token Ring networks.

### AXIS 540+

Parallel port pocket print server.

- › 10BaseT Ethernet print server
- › Plugs directly into the parallel port of the printer\*



\* Host-based printers such as GDI, CAPT and PPA are not supported.

### AXIS 560

Multiport print server for efficient printer sharing.

- › 10BaseT Ethernet print server
- › Print to 2 parallel and 1 serial printers\* simultaneously



## TOOLS FOR INSTALLATION, MANAGEMENT AND OPERATION OF PRINT SERVERS

### AXIS ThinWizard

AXIS ThinWizard is a powerful and comprehensive Web-based management tool for central administration of multiple print servers with:

- › Single screen management for all professional and Host-to-LAN print servers
- › Automatic print server discovery and IP address assignment
- › Configuration wizard for multi-unit parameter management
- › Simultaneous editing of print server parameters, allowing copying configurations between single or multiple servers
- › Flexible grouping for viewing and managing many print servers as single entities
- › Possibility to assign descriptive names and physical location
- › Printer status monitoring, e.g. "Out of paper" and "Toner low"
- › Wizard for multi-unit firmware upgrades, and finding the latest release

### AXIS AddPrinter

AXIS AddPrinter offers an easy network printer installation process, providing easy access to the print server's web interface for management purposes:

- › Select network printer - for printer installation
- › Find - for access to connected and configured network printers
- › Refresh - to rescan the network for connected network printers
- › Set IP - for automatic or manual IP address setting



## TECHNICAL OVERVIEW OF PRINT SERVERS

Professional Print Servers						Classic Print Servers		Small Office Print Servers				
Product	AXIS 5400+	AXIS 5500	AXIS 5550	AXIS 5600+	AXIS 5900	AXIS 540+	AXIS 560	AXIS OfficeBasic Parallel	AXIS OfficeBasic USB	AXIS OfficeBasic USB Wireless	AXIS 5810	AXIS 1650
Printer ports <sup>(4)</sup>	1 Parallel 1 USB	1 USB	1 Parallel 1 USB	2 Parallel 1 Serial	2 Parallel	1 Parallel	2 Parallel 1 Serial	1 Parallel	1 USB	1 USB	1 Parallel	1 Parallel 1 USB
Network	10/100BaseT	10/100BaseT	10/100BaseT	10/100BaseT	10/100BaseT or 802.11b	10BaseT	10BaseT	10/100BaseT	10/100BaseT	W-Lan 802.11b	Bluetooth	10/100BaseT
Management	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise	Large networks	Large networks	Small networks	Small networks	Small networks	PAN	Small networks
Firmware upgradable <sup>(6)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Security	Extensive	Extensive	Extensive	Extensive	Extensive	Basic	Basic	Basic	Basic	Basic	Bluetooth	Basic
Multi language <sup>(5)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Rendezvous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Internet Printing Protocol	✓	✓	✓	✓	✓							
Windows <sup>(1)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MacOS <sup>(2)</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Netware <sup>(3)</sup>	✓	✓	✓	✓	✓	✓	✓					
Unix/Linux	✓	✓	✓	✓	✓	✓	✓					
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	1 year	1 year	1 year	1 year	1 year

### MANAGEMENT

- › **Small networks:** Windows Installation Tool + Web management  
+ Safe firmware upgrade + Automatic IP setting
- › **Large networks:** All above + AXIS ThinWizard multi-unit administration  
+ SNMP v1 Management
- › **Enterprise:** All above + E-mail notification + SNMP v3 Secure Management  
+ Manual/Automatic Network speed + HTTPS secure web management

### SECURITY

- › **Basic:** Password protected administration
- › **Extensive:** All above + Netware Packet Signature + Secure admin HTTPS  
+ SNMP v3 Secure Management + TCP Printing Restriction

### Host-to-LAN Print Servers

Product	AXIS 5570e TCP/IP	AXIS 5570e IPDS SNA	AXIS 670e
Printer ports <sup>(4)</sup>	1 Parallel 1 USB	1 Parallel 1 USB	2 Parallel 1 Serial
Network	10/100BaseT	10/100BaseT	TokenRing
Management	Enterprise	Enterprise	Large Networks
Firmware upgradable <sup>(6)</sup>	✓	✓	✓
Security	Extensive	Extensive	Basic
Rendezvous	✓	✓	
Internet Printing Protocol	✓	✓	✓
Copier finishing options		✓	✓
Windows <sup>(1)</sup>	✓	✓	✓
MacOS <sup>(2)</sup>	✓	✓	
Netware <sup>(3)</sup>	✓	✓	✓
Unix/Linux	✓	✓	✓
IBM protocols	TN3270E, TN5250E	TN3270E, TN5250E, SNA, PPR/PPD	TN3270E, TN5250E, SNA, PPR/PPD
IBM formats	SCS, 3270DS	SCS, 3270DS, IPDS	SCS, 3270DS, IPDS
Warranty	3 years	3 years	3 years

(1) Windows NT, WFW, 95, 98, Me, 2000, XP, 2003

(2) Apple EtherTalk and TCP/IP based printing in MacOS X 10.x and MacOS 7,8,9

(3) NetWare 3.12, 4.10, 4.2, 5.X, 6.X and above. Supports bindery and NDS mode. Supports user messages. NDPS supported over IP and IPX. Support for iPrint using both LPR and IPP protocols. Print Methods: NDPS, (IP/IPX), PSERVER (IP/IPX) RPRINTER/NPRINTER, iPrint (LPR/IPP)

(4) USB is full speed (ver 1.1 compatible with ver 2.0)

(5) English, French, German, Spanish, Italian and Japanese  
Japanese not supported in AXIS OfficeBasic USB Wireless

(6) Future firmware upgrades are free

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## About Axis

Axis increases the value of network solutions. The company is an innovative market leader in network video and print servers. Axis' products and solutions are focused on applications such as security, surveillance, remote monitoring and document management. The products are based on in-house developed chip technology, which is also sold to third parties.

Axis was founded in 1984 and is listed on the Stockholmsbörsen (XSSE: AXIS) Attract 40-list. Axis operates globally with offices in 16 countries and in cooperation with distributors, system integrators and OEM partners in 70 countries. Markets outside Sweden account for more than 95% of sales. Information about Axis can be found at [www.axis.com](http://www.axis.com)

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