AXIS 262+ Network Video Recorder

Complete Network Video Recording Solution

AXIS COMMUNICATIONS

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Picture this:
A simple and reliable, plug-and-play video surveillance system for hotels, shops, banks, petrol stations or other environments where security is a priority. Focused on ease of use, fully digital, based on industry standards, and with high integration capacity. It's all available now in one complete package.

The distinguishing features of AXIS 262+ Network Video Recorder make a unique combination:

MEGAPIXEL RESOLUTION >
Records from up to 8 network video cameras in megapixel resolution. Stores high quality video with no degradation compared to the original image.

SIMULTANEOUS RECORDING >
Simultaneous recording, live viewing and playback of recorded images from up to 8 video sources, with the capability to synchronize playback of video from up to 4 video sources.

HIGH-CAPACITY HARD DISK >
250 GB hard disk for storing, e.g. 13 days of VGA video at 1 frame per second, from 8 channels (25 KB).

FULL FRAME RATE >
Records up to 120 frames per second at 4CIF or VGA, with configurable frame rate for optimized hard disk usage.

LIVE VIDEO >
Remote access to live views and playback of recorded images from up to 8 Axis network video sources, including those with PTZ controls.

SIMPLE MANAGEMENT >
Easy to install, use and manage, with quick and user-friendly configuration and maintenance. Connects directly to your network and is manageable remotely over a local area network or the Internet.

AXIS NETWORK VIDEO RECORDING SYSTEM

Access and record live video from anywhere and open up a whole new world of powerful surveillance. The heart of the Axis network video recording solution is the innovative AXIS 262+ Network Video Recorder. A simple, reliable and complete video recording solution that offers professional surveillance and remote monitoring of hotels, shops, bank offices, petrol stations and other environments where security is a priority. It features advanced capabilities such as remote access, motion detection, event management and superior image quality – all in a maintenance-free package.

USER-FRIENDLY MANAGEMENT

Use your existing network infrastructure, add up to 8 Axis network cameras, and you are ready to monitor and record. Once installed, your AXIS 262+ is accessible on your LAN, WAN or across the Internet, with no additional software required. Recording video to the AXIS 262+'s hard disk can be scheduled, triggered by an alarm or started manually.

The AXIS 262+ Network Video Recorder has a user-friendly, intuitive interface that gives you a range of new options and possibilities. Easy-to-interpret tabs with search function for finding recordings by time or by alarm, and the possibility to download recordings to an external hard drive makes this a versatile solution. Clear controls in the Main View allow you to view live images or recordings singly or in quad view.

Manual recordings

In manual recording mode, recordings can be started and stopped at any time. Cameras can be managed individually or all at once, directly from the Main view.

Scheduled recordings

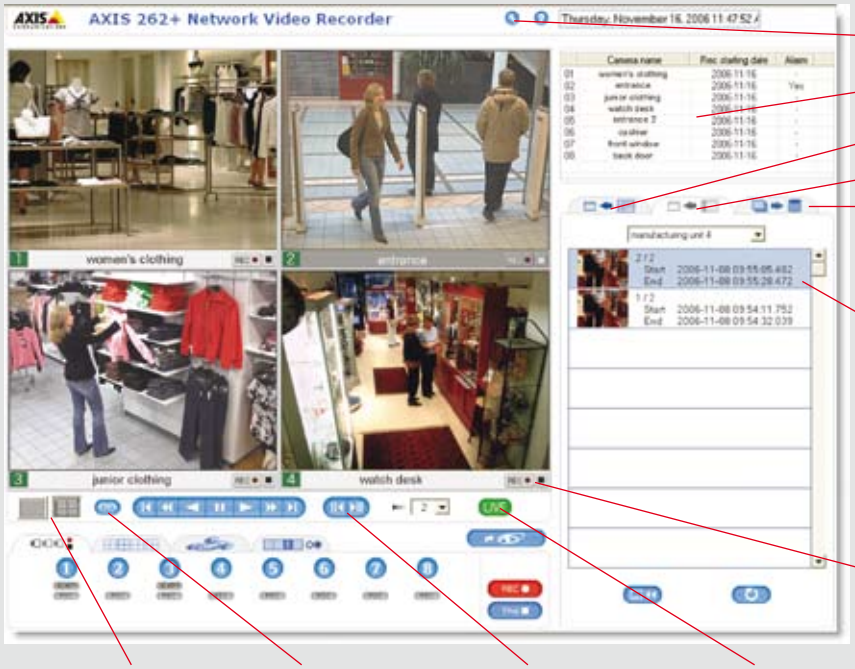
Recordings can be scheduled to start and stop on multiple occasions on any given day. Easily configure the times and days when recordings will occur each week. Each day of the week can have different schedules, or the same time periods can be set for multiple days simultaneously.

Playback of recordings

Manual, scheduled and alarm video recordings can be played back while other recordings continue. Playback can be synchronized or stepped through. Recordings can be extracted and saved as AVI files on your computer, for viewing in a media player.

MAIN VIEW – AXIS 262+ NETWORK VIDEO RECORDER

The Main View page of the AXIS 262+ provides links to the Setup tools that allow you to customize and configure the video recorder to your requirements.



Playback alarm recordings

Alarm recordings for each camera are presented in a list and can be selected and played. Each alarm recording includes the date and time when the recording started and ended.

FULLY DIGITAL

If you are going digital, then you want the entire system to be digital. Two technologies are available today: Digital Video Recording and Network Video Recording. One is partly digital, the other is fully digital.

Network Video Recording

With an NVR (Network Video Recorder), the integration of digital technology into video surveillance systems is complete. It is now possible to implement a fully digital, cost effective, easy-to-install and user-friendly video surveillance and monitoring system for your business. Record video at up to megapixel resolution.

Digital Video Recording

A DVR (Digital Video Recorder) is not fully digital, but a hybrid solution relying mainly on proprietary software and protocols. It still requires cumbersome analog coaxial cables and multiple conversions that diminish performance and image quality.

A more detailed comparison of the two technologies further reveals the significant advantages of the Axis network video recording approach.

	AXIS 262+	DVR
Open system	Yes	No
Image quality	Superior	Degradation
UPS (Uninterruptible Power Supply)	Yes	No*
Resolution	Unlimited	Limited to standard TV System
Wireless cameras	Yes	N/A
Remote pan, tilt and zoom	Yes	No
Audio	Yes**	No (extra cables required)
Power over Ethernet	Yes	No
Integration with IT	Yes	(not the cameras)

**Some exceptions may be found in high-end systems.* ***Listening only, no recording*

EASY INSTALLATION

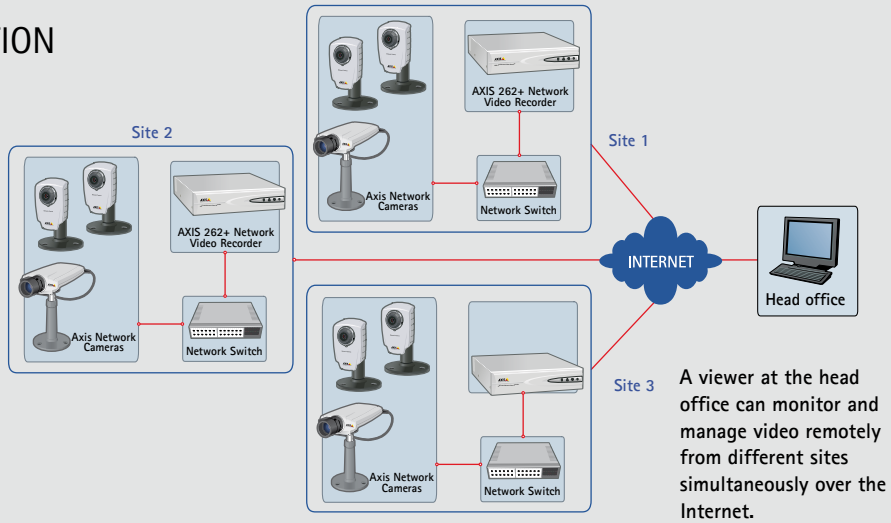
The Axis network video recording system takes the unpredictability out of installation and setup. It provides a simple and dependable system that is cost-effective and compatible with both your own IT infrastructure and with other media, for example the Internet.

Using standard software and hardware from suppliers you already trust to deliver networking equipment, the system is based on the same technology as used in your home or office PC and local area network.

AXIS 262+: A TYPICAL INSTALLATION

Use a standard IP network to install your complete surveillance system. A dedicated video surveillance network is formed when an AXIS 262+ Network Video Recorder and up to 8 cameras are connected to a switch. View video and manage the network video recorder remotely via a PC over the network or the Internet.

This design has no impact on the office network traffic as there will be no traffic unless an authorized viewer on the office network wants access to live and recorded video.



A viewer at the head office can monitor and manage video remotely from different sites simultaneously over the Internet.

HIGH IMAGE QUALITY

The AXIS 262+ Network Video Recording solution offers a combination of high image quality and high frame rates, allowing systems to be optimized for both image quality and efficient use of bandwidth.

High Image Quality				
Number of cameras	Approx. file size in KB	Frame rate for live viewing	Recording FPS	Recording time in days
4	25	25/30 (PAL/NTSC)	1	27
4	25	25/30 (PAL/NTSC)	4	6
8	25	25/30 (PAL/NTSC)	1	13
8	25	25/30 (PAL/NTSC)	4	3

HARD DISK STORAGE

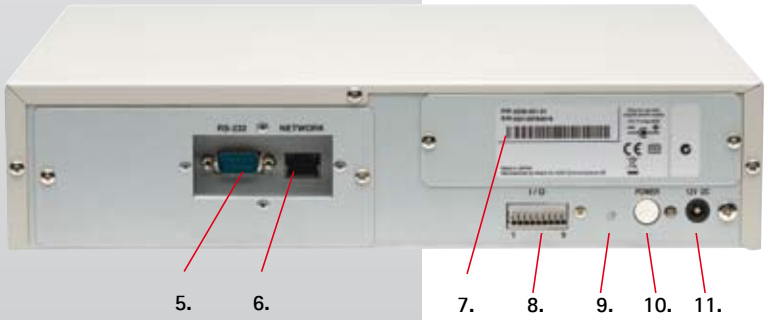
The AXIS 262+ is ideal for storing video at up to megapixel resolution (when using megapixel cameras). There is no degradation in video quality as the image quality is always the same as the original image from the camera or video server. The 250 GB hard disk allows you to store, e.g. 13 days of VGA (640x480) resolution at one frame per second from 8 video channels.

OVERVIEW

Front panel

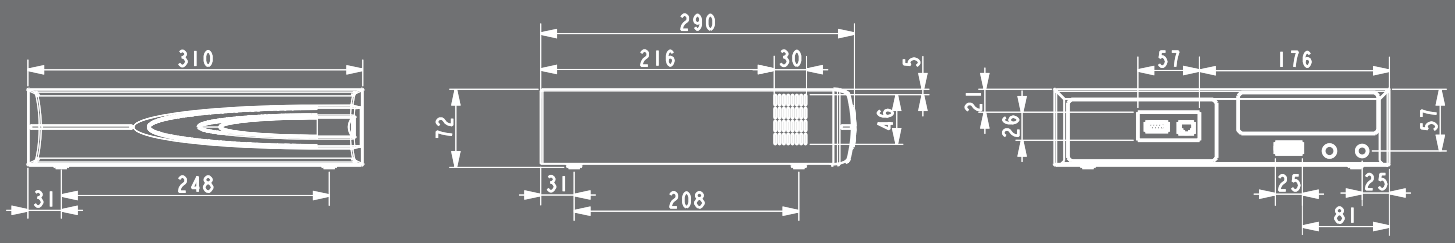
1. Disk indicator
2. Network indicator
3. Status indicator
4. Power indicator

Rear panel



5. RS-232 connector
6. Network connector
7. Serial number
8. 9-pin I/O terminal connector
9. Factory setup button
10. Power button
11. Power adapter connector

DIMENSIONS



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TECHNICAL SPECIFICATIONS – AXIS 262+ NETWORK VIDEO RECORDER

Video recording	Motion JPEG
Compatibility	Compatible with all Axis network video products running with firmware 4.15 and higher
Recording frame rate	Up to 120 frames per second in QVGA or CIF Up to 240 frames per second in VGA or 4CIF
Recording storage	250 GB hard disk drive with Anti-Vibration
Video channels	8 video channels
Resolution	Unlimited megapixel resolution, always the same as the camera's resolution, with no degradation
Camera live view	All cameras can be monitored through AXIS 262+
Live sequence mode	Several configuration options for how the AXIS 262+ will sequence through the video sources
Audio support	Full duplex live audio support through direct connection to audio enabled cameras and servers. No audio recording
PTZ support	Control of all Axis PTZ and dome cameras through direct connection to camera
Alarm recording	Recordings can be started by HTTP notification from a network camera/video server or by a trigger from a digital input on the AXIS 262+
Alarm recording frame rate	The frame rate for alarm recordings can be specified independently from the frame rate of scheduled recordings
Scheduled recording	Recordings can be scheduled for the various video sources with different frame rates
Manual recording	Capability to manually start a recording with predefined frame rate
Playback	Playback of recorded material, fast forward, fast reverse, single step forward and reverse
Synchronized playback	Synchronize playback of video from up to 4 video sources simultaneously
Search for recordings	Search for recordings based on date and time
Video clip export	Part of a recording can be downloaded to a remote computer
Time synchronization	Date and time in the cameras and video servers are synchronized with the date and time in the AXIS 262+. The date and time in the AXIS 262+ can be synchronized with an external NTP server
Daylight saving time	Different time zones are supported

System alarm notification	Output 1: Alarm recording status Output 2: Channel lost status Output 3: Hard disk error Output 4: Hard disk full Alarm notification via email in case of hard disk or system failure
Security	Multiple user access levels with password protection
Connectors	Ethernet 10BaseT/100BaseTX, RJ-45 Terminal block: 4 alarm inputs, 4 outputs D-Sub for RS-232 port for UPS (Uninterruptible Power Supply)
Processors and memory	CPU: VIA C3 RAM: 256 MB Flash: 128 MB
Power	12 V DC, max 50 W (typically 40 W)
Operating conditions	5 - 40 °C (41 – 104 °F), humidity 20 - 80% RH (non condensing)
Language support	English, German and Japanese (automatic selection)
Installation, management and maintenance	Installation tool on a CD and Web-based configuration Support for firmware upgrades over HTTP; firmware available at www.axis.com
Video access from Web browser	Full control through the Web browser
Minimum Web browsing requirements	Pentium 4 CPU 2 GHz or higher, or equivalent AMD 512 MB RAM AGP graphic card, Direct Draw, 32 MB RAM Windows XP Pro, DirectX 9.0 or later, Internet Explorer 6.x or later
System integration support	Open API for application integration, including AXIS VAPIX API* Embedded Linux operating system The AXIS 262+ can be configured to send a TCP notification when an alarm recording starts and stops
Supported protocols	HTTP, TCP, SMTP, DHCP, ARP, DNS, NTP. More information on protocol usage available at www.axis.com
Included accessories	Power supply 12 V DC Power cord Installation Guide CD with installation tool and User's Manual
Approvals	EMC: EN55022 Class B, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, EN 55024, VCCi Safety: EN60950-1
Dimensions (HxWxD) and weight	72 x 310 x 290 mm (2.83"x12.20"x11.42") 5 kg (11 lbs) excl. power supply

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