

## AXIS Video Hosting System

Server software for hosting of video monitoring services.



- > Remote viewing and control
- > Easy customization and installation
- > Scalable architecture
- > H.264 video compression
- > One-Click Camera connection

AXIS Video Hosting System (AVHS) is a platform for creating a service provider-specific portal to manage video monitoring services over the Internet. Connect Axis' network video products to a local area network at monitored sites and the AVHS system will provide easy and secure Internet access to live and recorded video accessible from any location.

The system is easily scalable and the number of sites and camera installations are limited only by disk space, bandwidth and system configuration. It allows for easy administration of multiple user accounts and permission levels, as well as user-specific camera settings.

Support for H.264 video compression significantly reduces the need for Internet bandwidth without compromising image quality.

To save bandwidth and storage the software supports scheduled and event-driven recordings initiated by motion or external inputs. Manual recording can be defined directly in the service portal's live view interface and event notifications can be received via email, or SMS.

AVHS includes recording search functions with calendar visualization and export functionality, and navigation tools that provide quick access to cameras and recordings. The system also supports control of PTZ cameras.

The software is developed with focus on ease-of-use and intuitive handling. The user interface is easy to customize to meet service provider requirements and graphic identity.

The patent pending One-Click Camera connection feature makes it easy to include cameras in the system regardless of internet service provider, routers and firewall settings.

## Technical Specifications – AXIS Video Hosting System

Camera		System	
<b>Models</b>	Compatible with Axis network video products	<b>User administration</b>	Individual settings for resolutions and storage limit Group settings for resolutions and storage limit
<b>Number of channels</b>	Unlimited (hardware and bandwidth dependent)	<b>Minimum client requirements</b>	Browser – Internet Explorer 7.0 or higher, Firefox 3.0 or higher, Safari 3 or higher
Video		<b>Minimum system requirements</b>	Linux operating system with 32-bit or 64-bit support. Apache2 with SSL support MySQL database PHP5
<b>Video compression</b>	H.264 MPEG-4 Part 2 Motion JPEG	<b>Hardware requirements*</b>	Intel Xeon 3.0 GHz or better Minimum 4 GB RAM 100 GB local hard drive Redundant Host Bus Adapters Gigabit Ethernet connection RAID storage with 6 TB data of available data storage *number of users and usage dependent
<b>Resolutions</b>	Supports connected Axis network video product resolutions	<b>Recommended network</b>	Server side – 1 Gigabit network, multiple connections Client side – One camera live view: Approx. 0,1 Mbit/s, 5 fps in 320 x 240 resolution
<b>Recording frame rate</b>	Up to 30 fps	<b>Integration</b>	Open HTTP-based API for integration with other systems, such as alarm panel or point of sales systems
Audio		General	
<b>Audio streaming</b>	Two-way audio (camera dependent)	<b>Languages</b>	English language file included. Possibility to localize.
<b>Audio compression</b>	G711 (camera dependent)	<b>Included accessories</b>	Getting started document Reference manual User's manual
Recording server		<i>** This product includes software developed by the OpenSSLProject for use in the OpenSSL Toolkit. (www.openssl.org)</i>	
<b>Security</b>	Multiple user access levels with password protection Secure communication**	<b>More information is available at <a href="http://www.axis.com">www.axis.com</a></b>	
<b>Installation and setup</b>	Easy installation supporting One-Click Camera connection		
<b>Recording storage</b>	Record directly to local and network disks Duration can be limited per camera to conform to local legal requirements		
Live view			
<b>Camera live view</b>	Flexible live view configuration for multiple cameras		
<b>PTZ support</b>	Control of PTZ and PTZ dome cameras		
Playback			
<b>Playback</b>	Motion JPEG, MPEG-4, H.264		
Triggers & Events recording			
<b>Event recording</b>	Events triggered by video motion detection, PIR, input signal Manual trigger		
<b>Scheduled recording</b>	Schedule per camera allows customization of weekday and weekend recordings		
<b>Motion detection</b>	Advanced camera based video and PIR motion detection for low bandwidth utilization		
<b>Input/output control</b>	Basic control of cameras' digital inputs/outputs		
<b>Alarm notification</b>	E-mail server and SMS gateway required		
<b>Logs</b>	Alarm, event, audit log		

### AVHS network products

AXIS Video Hosting System software is compatible with most Axis network video products.



### Optional accessories

Network Attached Storage (NAS) Iomega StorCenter ix2-200/ ix4-400 Cloud Edition: Reduces the upstream bandwidth needs and allows video to be recorded at higher frame rates and resolutions.

