

# AXIS Camera Station

Optimized for easy and efficient surveillance

AXIS Camera Station is a monitoring and recording software optimized for Axis network video products. The software client can be installed on any computer, enabling remote viewing and control from anywhere on the corporate network or the Internet. The setup wizard with automatic camera discovery has the system up and running within minutes. The user interface features flexible live-view layout, site maps, powerful event configuration, alarm management and PTZ control. Timeline visualization and efficient video search enable quick investigation and retrieval of evidence for export. H.264 compression, Axis' Zipstream technology and camera-based video motion detection enable high-definition video for identification even if storage space is limited.

- > **Optimized for Axis network video products**
- > **Quick system setup**
- > **Intuitive operation**
- > **Effective investigation**
- > **High-definition identification**



# Technical Specifications – AXIS Camera Station

General		System	
<b>Languages</b>	AXIS Camera Station 5.0: English Coming in AXIS Camera Station 5.01: Languages to be confirmed. Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Dutch, Finnish, French, German, Italian, Japanese, Korean, Persian, Polish, Portuguese (Brazil), Russian, Spanish, Swedish, Turkish and Vietnamese.	<b>Scheduled recording</b>	Schedule per camera for continuous recording or customization of weekday and weekend recordings
<b>Licenses</b>	<b>Device licenses:</b> Core Device license for up to 32 Axis devices per system, Universal device license for more than 32 Axis devices and for compatible third-party devices. <b>Upgrade licenses:</b> AXIS Camera Station 4 to Universal device license. Core Device License to Universal Device License. 30-day unlimited trial can be upgraded to licensed version	<b>Alarm actions</b>	Record, Visual notification, Audible alert, Switch to camera/view Go to PTZ preset, Email, Alarm procedure, External I/O acknowledgement of alarms, HTTP notification
<b>Compatible products</b>	<b>Axis network products:</b> Axis network cameras and encoders including HD, standard resolution, high resolution, Pan Tilt Zoom and thermal cameras with firmware 4.30 or later. AXIS P8221 I/O Audio Module, AXIS A1001 Network Door Controller, AXIS A8004-VE Door Station, AXIS C3003-E Horn Speaker <b>Third-party devices:</b> Support for third-party devices through key functions of the IEC62676-2-3 standard	<b>Logs</b>	Alarm, Event and audit logs
<b>Included accessories</b>	Installation Guide CD with software and User manual	<b>System Scalability</b>	User interface is optimized for systems up to 50 cameras. Software allows for unlimited number of cameras restricted only by system hardware specification (see system hardware recommendations).
<b>System accessories</b>	AXIS T8310 Video Surveillance Control Board	<b>Operating system recommendations</b>	Windows 8.1 Pro 64-bit, Windows 10 Pro 64-bit. For all supported Operating Systems, please see release notes at <a href="http://www.axis.com">www.axis.com</a>
<b>Video</b>		<b>System Hardware Recommendations</b>	Hardware requirement of an ACS system depend on the total bandwidth generated by cameras and fetched by clients. Recommendation below are based on a street corner scenario, H.264 zip stream level low(10) encoding on 1080p resolution cameras at 25 fps with an estimated average bandwidth of 3.80 Mbit/s. For customized bandwidth estimations please use Axis Site Designer. UPS is always recommended for server, to avoid unexpected system shutdowns.
<b>Audio</b>	Two-way audio streaming, AAC, G.711, G.726 compression	<b>Small system, combined client &amp; server</b>	Up to 100Mbit/s video data (equivalent of up to 26 video channels of above specification), Intel Core i5 2.9 GHz or above, 8GB DDR3-1600 RAM, Graphics card with 1 GB dedicated video memory, such as NVIDIA GeForce GTX 750 1 GB, Hard drive SATA 6 Gb/s 7200 RPM Enterprise Class – Up to 48Mbps per drive for optimal performance.
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Motion JPEG, support for Axis' zipstream technology on selected cameras	<b>Large system, separate clients and server</b>	Up to 256Mbit/s video data (equivalent of up to 67 video channels of above specification).  Client: Intel Core i7, such as Intel Core i7-4770 Quad Core 3.4Ghz, 8 GB DDR3-1600 RAM, 1 Gbit/s Network, Graphics card with 1 GB dedicated video memory, such as NVIDIA GeForce GTX 750 1 GB.  Server: Intel Core i7, such as Intel Core i7-4770 Quad Core 3.4Ghz, 8 GB DDR3-1600 RAM, 1 Gbit/s Network, Hard drive SATA 6 Gbit/s 7200 RPM Enterprise Class – Up to 48Mbps per drive for optimal performance.
<b>Resolutions</b>	Supports all camera resolutions up to 8.3 megapixels (4K)	<b>Multi-server system</b>	All systems with higher performance requirements than above shall have multiple servers. Add more ACS servers and divide the bandwidth load equally per server with each server within above specifications.
<b>Frame rates</b>	Up to 60 images per second per camera	<b>Mobile access</b>	Apps for Android and iOS devices available from Axis
<b>Storage</b>		<b>Security</b>	Multiple user access levels with password protection using local or Windows domain users (Active directory) Failover recording in cameras with SD card
<b>Storage Media</b>	Use local hard drives or high performance NAS for storage		
<b>Storage capacity</b>	Unlimited recording database, limited only by disk space Duration can be limited per camera to conform to local legal requirement		
<b>Live view</b>			
<b>Camera live view</b>	Flexible live view configuration, Axis' Corridor Format, Multiple monitors, Hot-spot, Camera/view sequence, Site maps, Web page, Digital PTZ, Image enhancement		
<b>PTZ</b>	Control of PTZ and dome cameras using mouse, keyboard or joystick, Area zoom, Programmable hot-keys		
<b>Playback</b>			
<b>Search for recordings</b>	Search for recordings based on camera, Date and time Timeline visualization, Smart search, Video scrubbing, Bookmarks, Locking of prioritized recordings		
<b>Playback</b>	Up to 64x or frame by frame Up to 25 cameras synchronized playback		
<b>Export</b>	Manual and scheduled export Single images in JPEG format, Video in ASF format Digital signature on exported recordings, Standalone player		
<b>Triggers &amp; events</b>			
<b>Event triggers</b>	Events triggered by video motion detection, Active Tampering Alarm, AXIS Cross Line Detection, External I/O, Action button, System triggers and device event triggers		