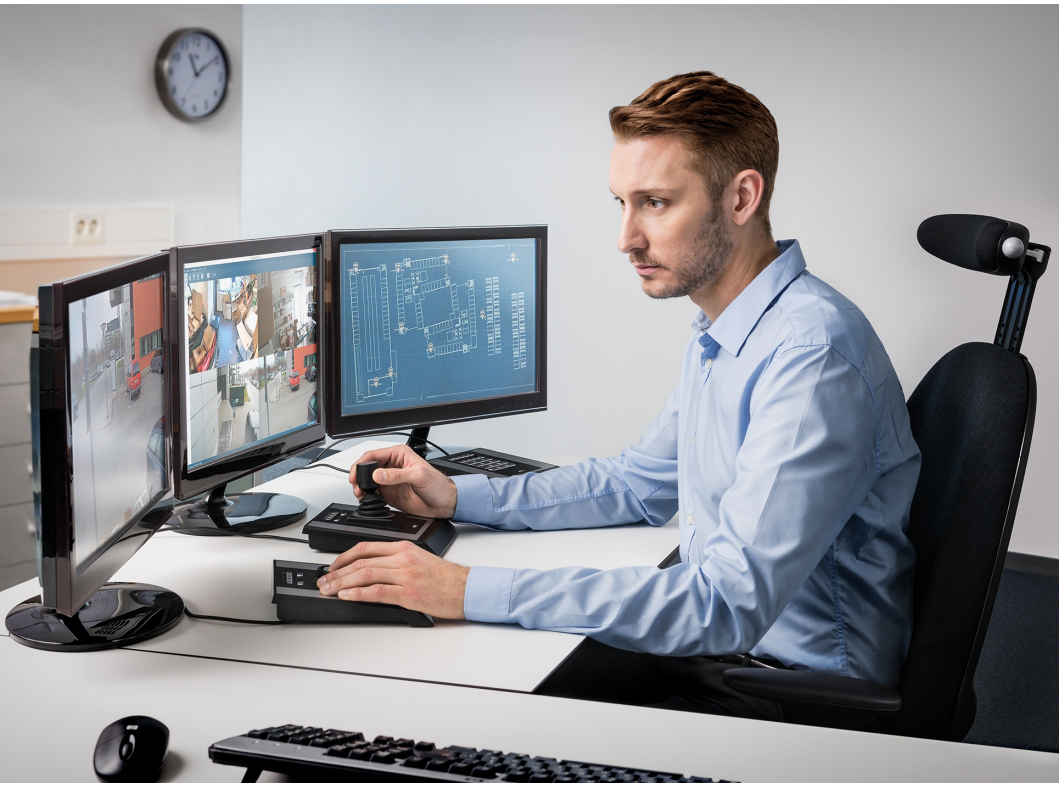
AXIS Camera Station

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



HDTV NETWORK VIDEO

4K NETWORK VIDEO

Technical Specifications – AXIS Camera Station

General	
Languages	English, Czech, French, German, Italian, Japanese, Korean, Russian, Spanish, Arabic, Chinese (Simplified), Chinese (Traditional), Dutch, Finnish, Persian, Polish, Portuguese (Brazil), Swedish, Thai, Turkish and Vietnamese
Licenses	**Device licenses:** 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. **Upgrade licenses:** 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
Compatible products	**Axis network products:** Axis network cameras and encoders, Pan Tilt Zoom and thermal cameras with firmware 4.30 or later. Audio system products Network door controllers Network door stations Network I/O relay modules **Third-party devices:** Support for third-party devices through key functions of the IEC62676-2-3 standard
System accessories	AXIS T8310 Video Surveillance Control Board
Video	
Audio	Two-way audio streaming, AAC, G.711, G.726 compression
Video compression	H.264 (MPEG-4 Part 10/AVC), H.265 (MPEG-4 HEVC), Motion JPEG, support for Axis Zipstream technology on selected cameras
Resolutions	Supports all camera resolutions up to 20 megapixels including 4K Ultra HD
Frame rates	Up to 120 images per second per camera Note: Up to 30 images per second for the Axis mobile viewing app on iOS
Storage	
Storage media	Use local hard drives or high performance NAS for storage
Storage capacity	Unlimited recording database, limited only by disk space Duration can be limited per camera to conform to local legal requirement
Live view	
Camera live view	Flexible live view configuration, Axis Corridor Format, Multiple monitors, Hot spot, Camera/view sequence, Site maps, Web page, Digital PTZ
PTZ	Control of PTZ and dome cameras using mouse, keyboard or joystick, Area zoom for Axis cameras, Programmable hot-keys
Playback	
Search for recordings	Search for recordings based on camera, Date and time Timeline visualization, Smart search, Video scrubbing, Bookmarks, Locking of prioritized recordings
Playback	Up to 64x or frame by frame Up to 25 cameras synchronized playback
Export	Manual and scheduled export Single images in JPEG format, Video in ASF format Digital signature on exported recordings, Standalone player
Triggers & events	
Event triggers	Events triggered by video motion detection, Active Tampering Alarm, AXIS Cross Line Detection, External I/O, Action button, External HTTPS, System triggers and device event triggers
Scheduled recording	Schedule per camera for continuous recording or customization of weekday and weekend recordings
Alarm actions	Record, Visual notification, Audible alert, Switch to camera/view Go to PTZ preset, Email, Alarm procedure, External I/O acknowledgement of alarms, HTTP notification
Logs	Alarm, Event and audit logs
System	
Scalability	User interface is optimized for systems up to 50 devices. Software allows for unlimited number of devices restricted only by system hardware specification (see system hardware recommendations).
Operating system recommendations	Windows® 8.1 Pro 64-bit, Windows 10 Pro 64-bit. For all supported operating systems, see release notes at www.axis.com
System hardware recommendations	Hardware requirement depends on the total bandwidth generated by cameras and fetched by clients. Recommendations 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 use AXIS Site Designer. UPS is always recommended for server, to avoid unexpected system shutdowns.
Small system, combined client and server	Up to 40 Mbit/s video data (equivalent of up to 10 video channels of above specification) Intel Core i3 3.7 GHz or above 8GB DDR3-1600 RAM Hard drive SATA 6 Gb/s 5400 RPM, 64 MB cache, Surveillance Class
Medium system, combined client and server	Up to 100 Mbit/s video data (equivalent of up to 26 video channels of above specification) Intel Core i5 2.9 GHz or above 8 GB DDR3-1600 RAM Hard drive SATA 6 Gb/s 7200 RPM Enterprise Class – Up to 48 Mbps per drive for optimal performance
Large system, separate clients and server	Up to 256 Mbit/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 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 48 Mbps per drive for optimal performance
Multi-server system	All systems with higher performance requirements than above shall have multiple servers. Add more AXIS Camera Station servers and divide the bandwidth load equally per server with each server within above specifications.
Multi-screen support	For multi-screen support (up to 3 monitors per graphic card) or multi-4K stream support, it is recommended to use graphic cards with more dedicated video memory than 1 GB (HDMI 2.0 or Display Port 1.2 support required). For example: NVIDIA GeForce GTX 950 2 GB or NVIDIA Quadro K1200 (for 24x7 operation).
Mobile access	Apps for Android and iOS devices available from Axis
Remote connection	Supports Axis Secure Remote Access and port forwarding on both Windows and mobile clients.
Security	Multiple user access levels with password protection using local or Windows domain users (Active directory) Failover recording in cameras with SD card

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