AXIS
COMMUNICATIONS

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

AXIS Camera Station

System features

Supported products	**Axis network products:** Axis network cameras and encoders, PTZ 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 IEC 62676-2-3 standard
Storage	Use local hard drives or high performance NAS for storage Unlimited recording database, limited only by disk space Duration can be limited per camera to conform to local legal requirement
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com*
Configuration	Automatic configuration via import of settings from an AXIS Site Designer project
Remote access	Via Windows application, mobile apps available for Android and iOS devices AXIS Secure Remote Access or port mapping
Validation	Check that the system is running as expected after installation using AXIS Installation Verifier. AXIS Installation Verifier generates a PDF report including system test results
Alert tabs	Receive alerts from live action rules and go to recording in the logs
Security	Multiple user access levels with password protection using local or Windows domain users (Active directory)
Redundancy	Failover recording in cameras with SD card when contact with storage location is suddenly lost
Schedules	Per camera for continuous recording and action rules Customization of weekday and weekend recordings
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
Event 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
Event log	Alarm, event and audit logs
Optional accessories	AXIS T8310 Video Surveillance Control Board For more accessories, see *axis.com*
Licenses	**Device licenses:** Core Device License for Axis devices Universal Device License for compatible third-party devices and Axis devices **Upgrade licenses:** Free upgrade from AXIS Camera Station 4 to Core Device License Core Device License to Universal Device License 30-day unlimited trial can be upgraded to licensed version
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

System requirements

Minimum requirements	Windows® 8.1 Pro 64-bit, Windows 10 Pro 64-bit For all supported operating systems, see release notes at *axis.com* 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 Zipstream 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	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	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	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
Monitor	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)

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile MPEG-4 Motion JPEG
Resolution	Supports all camera resolutions up to 20 megapixels including 4K Ultra HD
Frame rate	Up to 120 fps per camera Up to 30 fps for the Axis mobile viewing app on iOS
Pan/Tilt/Zoom	Control of PTZ and dome cameras using mouse, keyboard or joystick, Area zoom for Axis cameras, Programmable hotkeys
Live view	Flexible live view configuration, Axis Corridor Format, multiple monitors, hot spot, camera/view sequence, site maps, web page, digital PTZ, dewarp
Recording playback	Search for recordings based on camera, date and timeline visualization, smart search, video scrubbing, bookmarks, locking of prioritized recordings Up to 64x or frame by frame Up to 36 cameras synchronized playback Manual and scheduled export Single images in JPEG format, Video in ASF format Digital signature on exported recordings, standalone player

Audio

Audio streaming	Two-way, full duplex for Axis devices (if supported) One-way for third-party cameras Echo cancellation and noise reduction
Audio compression	AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz

Environmental responsibility:

axis.com/environmental-responsibility

AXIS®
COMMUNICATIONS