AXIS Camera Station

Easy and efficient video surveillance and access control

AXIS Camera Station is powerful and easy to use so anyone can manage the system, handle incidents, quickly find and export high definition evidence and manage physical access. The operator interface includes all key functions including live view, investigation, export, video redaction for protection of third-party privacy, as well as access management. AXIS Camera Station is a perfect match to Axis IP products such as network cameras, body-worn cameras, door controllers, network intercoms, speakers and analytics. The software comes preloaded on Axis range of recorders. Use AXIS Site Designer for quick and reliable system design and installation.

> **Easy and effective operations**

> **Surveillance and physical access control**

> **Optimized for Axis network products**

> **Powerful feature set**

> **AXIS Site Designer for system design**

AXIS Camera Station

System features

Supported products	**Axis network products:** 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 Radar system products Body worn system **Third-party products:** 2N IP Intercoms Support for third-party devices through key functions of the IEC62676-2-31 and IEC62676-2-32 standards. It requires third-party devices are ONVIF Profile S conformant and verified through AXIS Camera Station Device Compatibility Tool.
Storage	Validated Axis storage such as Axis network video recorders and appliances, local hard drives or high performance NAS for storage Unlimited recording database, limited only by disk space Retention can be limited per camera to conform to local legal requirement
Application Programming Interface	API for software integration by request
Configuration	Automatic configuration via import of settings from an AXIS Site Designer project
Remote access	Client application for Windows Mobile app for iOS and Android AXIS Secure Remote Access for secure remote connectivity
Multi-server system	Clients can connect to multiple servers simultaneously
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 system alarms and alerts from action rules Links to alarm recordings are also provided
Security	Multiple user access levels with password protection using local or Windows domain users (Active directory) HTTPS certificates between the server and devices
Redundancy	Failover recording in cameras with SD card when contact with storage location is lost unexpectedly
Schedules	Per camera for recording and action rules Customization of override schedules
Event triggers	Various triggers including motion detection, active tampering alarm, system event and error, input/output, action button, AXIS Entry Manager event, external HTTPS and device event including AXIS Guard Suite, AXIS Perimeter Defender, Axis and third-party applications
Event actions	Various actions including record, raise alarm, send email, live view, set output, send HTTP notification and access control
Event log	Alarm, event and audit logs
Entry system	Support for Axis network door stations Receive notifications in the Windows client and mobile app using AXIS Secure Remote Access
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

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
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG

	Controllable frame rate and bandwidth Axis Zipstream technology in H.264 and H.265 ABR H.264/H.265 for continuous recordings
Resolution	Supports all camera resolutions up to 20 megapixels including 4K Ultra HD
Frame rate	Up to 120 fps per camera for the Windows client Up to 60 fps with 1080p and 30 fps with 4K for the mobile app on iOS and Android
Pan/Tilt/Zoom	Control of PTZ and dome cameras using mouse, keyboard or joystick Area zoom for Axis cameras Programmable hotkeys Support for PTZ priority
Live view	Flexible live view configuration, Axis Corridor Format, multiple monitors, hot spot, camera/view sequence, site maps, web page, digital PTZ, dewarp, onscreen control and action buttons
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 Single images in JPEG format, Video in ASF format
Recording export	Manual and scheduled export Digital signature on exported recordings, standalone player Video redaction before exporting to protect third-party privacy Incident report to manage case information Notes added to video sequences Password protection when exporting to ZIP Export to ASF, MP4 and MKV

Audio

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

Access control

Required products	AXIS A1601 Network Door Controller for AXIS Camera Station Secure Entry
Configuration	Door and zone configuration with color-coded printable PIN chart Copy door configuration Multi-factor authentication for door access Customizable card format and PIN length setup
Cardholder management	Cardholder with support for customized fields and photo Credential enrollment with support for card, PIN and duress PIN Cardholder groups Search for cardholders and cardholder groups Qualified for 10,000 cardholders and 5 credentials for each cardholder
Access management	Create and edit access rules combining cardholders, doors and schedules Apply schedule to unlock a door with support for first person in
Door dashboard	Recent or bookmarked door transactions with cardholder names and photos for verification Door alarms including door open too long and door forced open Door physical status and lock status Graphical maps for system overview
Manual door control	Lock, unlock, access and lockdown actions applied to multiple doors and zones
Data search	Search and filter access control events linked with video recordings Automatic access control bookmarks Automatic backup of offline events on door controllers

Hardware guidelines

General	UPS is always recommended for server to avoid unexpected system shutdowns **Systems up to 100 Mbit/s bitrate or 16 video channels and 32 doors** CPU: Intel® Core i3, For example: Intel® Core i3-7101TE RAM: 8GB DDR4-2400 MHz

	Graphic card: Intel® HD Graphics 630 Network: 1 Gbps **Systems up to 200 Mbit/s bitrate or 32 video channels and 64 doors** CPU: Intel® Core i5, For example: Intel® Core i5-8500 RAM: 8GB DDR4-2666 MHz Graphic card: Intel® HD Graphics 630 Network: 1 Gbps **Systems up to 300 Mbit/s bitrate or 64 video channels and 128 doors** **Client:** CPU: Intel® Core i5, For example: Intel® Core i5-8500 RAM: 8GB DDR4-2666 MHz Graphic card: Nvidia® Quadro® P620 Network: 1 Gbps **Server:** CPU: Intel® Xeon, For example: Intel® Xeon® Silver 4208 RAM: 8GB DDR4-2666 MHz Network: 1 Gbps	**Monitor**	For multi-screen support (up to 4 monitors per graphic card) or multi-4K stream support, it is recommended to use graphic cards with more dedicated video memory than 2 GB (HDMI 2.0 or Display Port 1.2 support required). For example: NVIDIA® QUADRO® P620

General	
Operating system	Windows® 8.1 Pro 64-bit, Windows 10 Pro 64-bit For all supported operating systems, see release notes at *axis.com*
Optional accessories	AXIS T8310 Video Surveillance Control Board For more accessories, see *axis.com*
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

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

Environmental responsibility:

axis.com/environmental-responsibility

AXIS®

COMMUNICATIONS