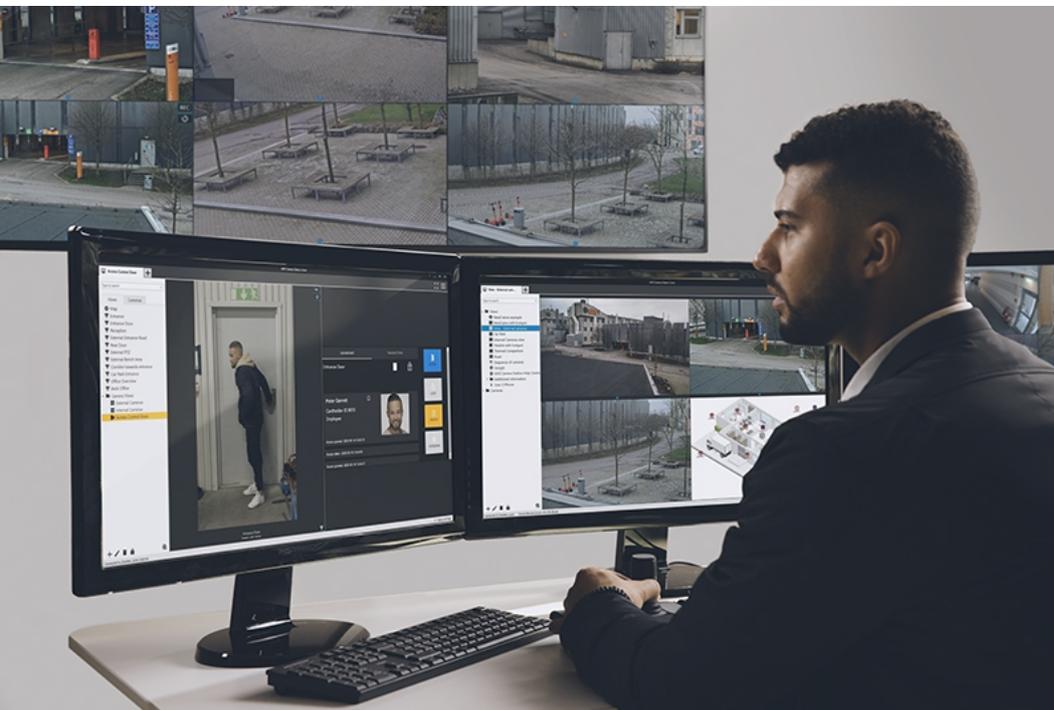AXIS COMMUNICATIONS

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**

HDTV NETWORK VIDEO

4K NETWORK VIDEO

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 intercoms Network I/O relay modules Radar system products Body worn system For a complete list of supported Axis products go to the AXIS Camera Station product support page. **Third-party products:** 2N IP Intercoms version 2.32.0 and later 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. Continuous recording of video stream through direct RTSP URL
Storage	Validated Axis storage such as the Axis S series 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 Failover recording on devices with SD card when connection to the AXIS Camera Station server is lost unexpectedly. Fallback recording on AXIS S30 Recorder Series when connection to the AXIS Camera Station server is lost.
Application Programming Interface	API for software integration by request. Available to approved partners on 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
Installation	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 protected connection between the server and devices AES-256 encrypted connection between server and client All connections support TLS 1.2
Schedules	Per camera for recording and action rules Customization of override schedules
Event triggers	Events from ACAP applications, Events from AXIS Object Analytics, Various triggers including motion detection, 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
Licenses	**Device licenses:** Core Device License for Axis devices and 2N IP intercoms Universal Device License can be used for any type of device, Axis, 2N, compatible third-party devices, and RTSP direct URLs **Upgrade licenses:** Core Device License to Universal Device License 30-day unlimited trial can be upgraded to licensed version
System health monitoring	Multiple systems on-prem and cloud

Data search	Object search with smart search 2 Search and filter access control events linked with video recordings Automatic access control bookmarks Automatic backup of offline events on door controllers

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 180 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
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[a]
Audio encoding	AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz

Access control

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

Hardware guidelines

General	See *Hardware guidelines* on the AXIS Camera Station product page on axis.com.
Scalability	AXIS S30 Recorder Series offloads the AXIS Camera Server. Go to the AXIS S30 Recorder Series product page on axis.com for more information.
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 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	We recommend Windows 11 for new systems. 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, Vietnamese, and Hebrew

a. *For full duplex communication, devices without echo cancellation require the use of headphones.*

AXIS®
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