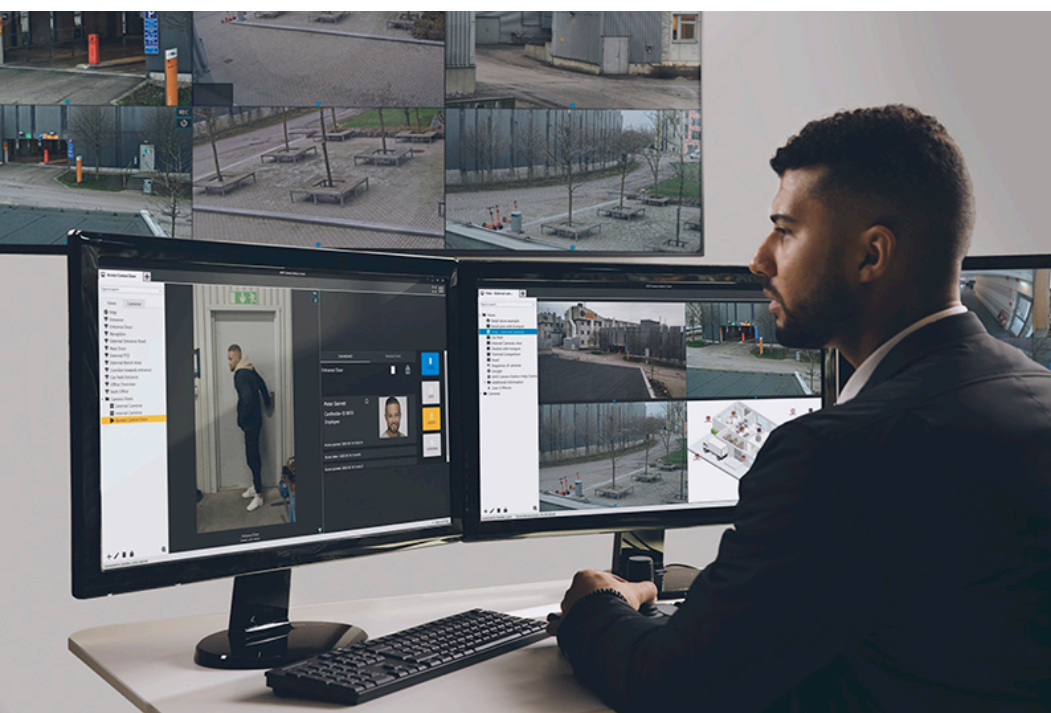# AXIS Camera Station 5

Easy and efficient video surveillance and access control

AXIS Camera Station 5 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 5 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 5

System features

Supported products
Axis network products:
Network cameras and encoders, PTZ and thermal cameras with all supported AXIS OS versions[1]
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 5 product support page.
Third-party products:
2N IP Intercoms version 2.32.0 and later
Third-party devices must be ONVIF Profile S conformant.
Guaranteed third-party device support for devices 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 5 server is lost unexpectedly.
Fallback recording on AXIS S30 Recorder Series when connection to the AXIS Camera Station 5 server is lost.

Application Programming Interface
API for software integration[2] available to approved partners on request.

Configuration
Automatic configuration via import of settings from an AXIS Site Designer project

Clients
Client application for Windows for direct server access or remote access using AXIS Secure Remote Access
Mobile app for iOS and Android for direct server access or remote access using AXIS Secure Remote Access
300 GB included monthly relay data for AXIS Secure Remote Access

Multi-server system
Clients can connect to multiple servers simultaneously.

Installation
Test system installation with AXIS Installation Verifier
System test report with AXIS Installation Verifier

Alert tabs
Receive system alarms and alerts from action rules.
Links to alarm recordings

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 or higher

Schedules
Per camera for recording and action rules
Access control: Per access rule and identification profile
Customization of override schedules

Event triggers
Device events, ACAP events, and other events: AXIS Object Analytics, motion detection, system event and error, input/output, action button, external HTTPS, AXIS Perimeter Defender, access control events via door controller, third-party applications, and more.

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

1. *Latest active AXIS OS and the most recent version of each Long-Term Support (LTS) track.*
2. *No API available for access control.*

System health monitoring
Multiple systems on private network and cloud

Search
Object and free text search[3] with smart search 2
Access control events linked with video recordings
License plate information captured by AXIS License
Plate Verifier
Speed data captured by AXIS Speed Monitor
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
AV1

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

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[4]

Encoding
AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726
ADPCM 8 kHz

Access control

Configuration
Active Directory integration for cardholder management
Wireless door 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

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3. *The free text search feature connects once a week to Axis cloud services to check if the AI models require any updates to comply with future regulations or requirements. Free text search performs all processing locally on your server and does not use the internet connection to send any video, images, or prompt texts. See below for information about the intended and responsible use and limitations of the free text feature. Requires a minimum of 16GB of RAM.*
4. *For full duplex communication, devices without echo cancellation require the use of headphones.*

Cardholder management

Global cardholder management with multi-server system
Cardholder with support for customized fields, photo, name, ID, email, exempt rule for lockdown, and anti-passback
Credential enrollment with support for card, PIN and duress PIN, QR codes (dynamic and static), and license plates
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.

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 and door control

Manual door control

Lock, unlock, access and lockdown actions applied to multiple doors and zones

Security controls

Anti-passback

Hardware guidelines

General

See *Hardware guidelines* on the AXIS Camera Station 5 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.
Qualified for up to 1000 doors on servers with access control devices only.

Multi-server system

All systems with higher performance requirements than above shall have multiple servers. Add more AXIS Camera Station 5 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, we recommend using 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

Optional cloud services

License management, server monitoring, cloud web client, device management, user management
In order to ensure compatibility with the Axis provided cloud services the AXIS Camera Station Pro server must be updated on a regular basis in compliance with Axis instructions.

Operating system

We recommend Windows 11 for new systems.
AXIS Camera Station 5 also supports:
Windows 10, 11
Windows Server 2016, 2019, 2022, and 2025
For all supported operating systems, see release notes at *axis.com*.

Optional accessories

AXIS TU9001 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), Romanian, Swedish, Thai, Turkish, Vietnamese, and Hebrew

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