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
**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:
  - Support for third-party devices through key functions of the IEC62676-2-31 and IEC62676-2-32 standards
  - 2N IP Intercoms

**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 requirements

**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, access control 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

**System**
- 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

**Hardware guidelines**

**General**
- Systems up to 100 Mbit/s bitrate or 16 video channels
  - CPU: Intel® Core i3, For example: Intel® Core i3-7101T
  - 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
  - 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
  - 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

  - UPS is always recommended for server to avoid unexpected system shutdowns

**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**
  - Windows® 8.1 Pro 64-bit, Windows 10 Pro 64-bit
  - For all supported operating systems, see release notes at axis.com
<table>
<thead>
<tr>
<th>Optional accessories</th>
<th>AXIS T8310 Video Surveillance Control Board</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>For more accessories, see axis.com</td>
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| 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 |

Environmental responsibility: axis.com/environmental-responsibility