

# AXIS Camera Station S1216 Tower Mk II Recording Server

## Out-of-the-box ready recording server

Featuring powerful components, this secure, scalable recording server offers high performance and support for powerful applications and features. It is preloaded with software and tools to help you set up and maintain your system. For instance, AXIS Recorder Toolbox with its intuitive installation wizard and AXIS Camera Station Pro including licenses for 16 devices. A Trusted Platform Module (FIPS 140-2 level 2 certified) ensures secure storage of all cryptographic keys and certificates. Furthermore, it offers services such as Keep Your Hard Drive, Next Business Day Onsite Support, and a 5-year warranty.

- > **Scalable and powerful solution**
- > **Flexible storage options**
- > **8 TB storage included**
- > **16 AXIS Camera Station Pro licenses included**
- > **Extensive support and 5-year warranty**



# AXIS Camera Station S1216 Tower Mk II Recording Server

## Licenses

16 AXIS Camera Station Pro Core Device NVR licenses and 10 AXIS Audio Manager Pro licenses included and tied to the hardware. Can be upgraded with additional licenses (sold separately).

## System scalability

Qualified for 64 doors and 32 video channels with a total recording bitrate up to 256 Mbps.  
Check AXIS Site Designer for storage estimates.  
Can be scaled with more devices when using AXIS S30 or AXIS S40 Recorder Series.  
Qualified for up to 1,000 doors with access control only.  
Qualified for 200 simultaneous audio streams using AXIS Audio Manager Pro.  
Tested with:  
10 live view Windows® clients  
2 Windows® clients performing heavy playback or scrubbing operations

## Hardware

### Processor

Intel® Core™ Ultra 5 Processor 235

### Memory

16 GB (2x 8 GB)

### Storage

Cold swappable Enterprise Class SATA HDD, 7200 rpm.  
Total HDD slots: 2  
Free HDD slot: 1  
Out-of-the-box storage: 8 TB (1x 8 TB)

### RAID

Factory RAID level: Not configured  
Supported RAID levels: 0, 1

### Graphics card

Intel® Graphics

### Power

360 W Platinum  
(100–240 V AC), 5 A, 50/60 Hz

### Power consumption

Typical: 80 W (272.9 BTU/h)  
Maximum: 100 W (341.2 BTU/h)

## Connectors

### Front side:

1x Universal audio jack  
2x USB 2.0  
1x USB 3.2 gen 2x2 USB-C  
1x USB 3.2 gen 2x1

### Rear side:

3x DisplayPort™  
1x USB 3.2 gen 2x1 USB-C  
3x USB 3.2 gen 1x1  
2x USB 2.0  
1x 1 GbE RJ45  
1x Power connector

## Video

### Video streaming

#### Live view<sup>1</sup>:

1 stream x 4K at 30 fps  
4 split x 1080p at 30 fps  
9 split x 1080p at 30 fps<sup>2</sup>  
9 split x 720p at 30 fps  
16 split x 450p at 15 fps  
25 split x 450p at 15 fps  
36 split x 360p at 15 fps  
Supports any combination for up to two 4K monitors.

#### Playback:

High-speed playback may affect video performance.  
Playback resolution matches the recording resolution and is not adjusted to the monitor's resolution.

## Approvals

### Supply chain

TAA compliant

### EMC

CNS 15936, EN 55035, EN 55032 Class B,  
EN 61000-3-2, EN 61000-3-3,  
FCC Part 15 Subpart B Class B, KS C 9835,  
KS C 9832 Class B, RCM AS/NZS CISPR 32 Class B,  
VCCI Class B

### Safety

BSMI, CAN/CSA C22.2 No. 62368-1 ed.3,  
IEC/EN 62368-1, KC-Mark, NOM-019,  
RCM AS/NZS 62368.1:2022

### Environment

EN 50564, EN 62623

1. The listed supported configurations have been tested with hardware decoding turned off.  
2. Supported on one 4K and one 1440p monitor. At 15fps, two 4K monitors are supported.

## Cybersecurity

### Edge security

Support for encrypted operating system drive and recording drive  
FIPS 140-2 level 2 certified Trusted Platform Module (TPM 2.0)  
Secure Boot

### Documentation

Axis Vulnerability Management Policy  
Axis Security Development Model  
Software Bill of Material (SBOM)  
To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

## General

### Operating system

Microsoft® Windows® 11 IoT Enterprise LTSC 2024  
Built-in operating system recovery: yes  
Operating system drive: 256 GB SSD

### Operating conditions

5 °C to 45 °C (41 °F to 113 °F)  
Humidity 20–80% RH (non-condensing)

### Storage conditions

–40 °C to 65 °C (–40 °F to 149 °F)  
Humidity 5–95% RH (non-condensing)

### Dimensions

324 x 154 x 293 mm (12.8 x 6.1 x 11.5 in)

### Weight

6.6 kg (13.2 lb)

### Included accessories

Wall plug power cord

### Optional accessories

Axis joysticks and control boards  
Enterprise hard drives  
For more accessories, see [axis.com](https://axis.com)

### Services

Next Business Day onsite support  
Keep your Hard Drive

### Warranty

5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

## Export control

This product is subject to export control regulations, and you should always comply with all applicable national and international export or re-export control regulations.

## Sustainability

### Substance control

RoHS in accordance with EU RoHS Directive 2011/65/EU, as amended by 2015/863/EU.  
REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see [echa.europa.eu](https://echa.europa.eu).

### Materials

Post consumer recycled plastics material content used in the product: 67.3%  
To read more about sustainability at Axis, go to [axis.com/about-axis/sustainability](https://axis.com/about-axis/sustainability)

### Environmental responsibility

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)  
Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](https://unglobalcompact.org)

## **AXIS Camera Station Pro**

For details about AXIS Camera Station Pro features and functions, see the AXIS Camera Station Pro datasheet on *[axis.com](https://axis.com)*

## Highlighted capabilities

### SBOM (Software Bill of Materials)

SBOM is a detailed list of all software components included in an Axis product, including third-party libraries and license information. This list provides customers with insight into the product's software composition, facilitating the management of software security and meeting transparency requirements.

### TPM (Trusted Platform Module)

TPM is a security chip integrated into Axis devices to provide a secure environment for storing and processing sensitive data. As a component providing a set of cryptographic features, the TPM protects information from unauthorized access. Specifically, it securely stores the private key, which never leaves the TPM, and processes all related cryptographic operations within the module itself. This ensures the secret part of the certificate remains safe even in the event of a security breach. By enabling features like encryption, authentication, and platform integrity, the TPM contributes to safeguarding the device against unauthorized access and tampering.

### Secure Boot

Secure Boot is a security system that ensures only approved software (operating system and embedded switch firmware when applicable) runs on an Axis device at startup. It uses a boot process consisting of an unbroken chain of cryptographically validated software, starting in immutable memory (boot ROM), to verify the authenticity of the software. By establishing the trust chain, Secure Boot guarantees that the device only executes software with a valid digital signature, preventing malicious code from running on the device and ensuring the device boots only with a signed software.

For more information, see [axis.com/glossary](https://axis.com/glossary)