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

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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)

Operating system drive

256 GB SSD

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[1]:
1 stream x 4K at 30 fps
4 split x 1080p at 30 fps
9 split x 1080p at 30 fps[2]
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

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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.*

Environment
EN 50564, EN 62623

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*

General

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

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*

Services
Next Business Day onsite support
Keep your Hard Drive

Warranty
5-year warranty, see *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*.

Materials
Post consumer recycled plastics material content used in the product: 67.3%
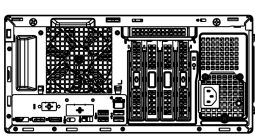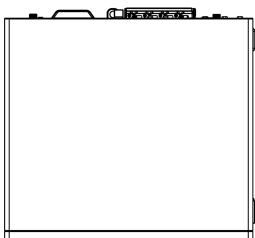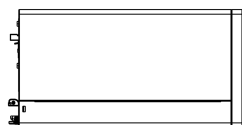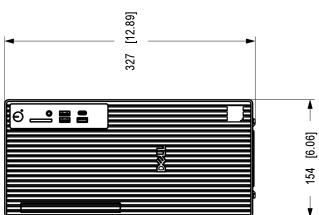To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*
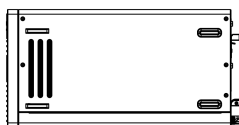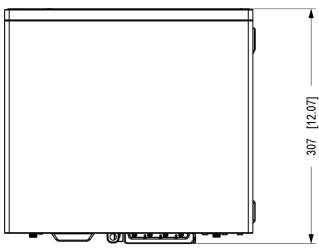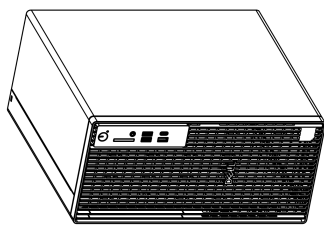
Environmental responsibility
axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

AXIS Camera Station Pro

For details about AXIS Camera Station Pro features and
functions, see the AXIS Camera Station Pro datasheet
on *axis.com*

307 [12.07]

327 [12.89]

154 [6.06]

AXIS Camera Station S1216 Tower MkII Recording Server

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*