

AXIS Camera Station S1232 Tower Recording Server

Flexible and scalable recording server

Featuring powerful components, this secure, scalable recording server offers high performance and support for powerful applications and features. It includes AXIS Camera Station Pro licenses and multiple RAID configurations for flexible storage and multiple redundancy configuration. And, a Trusted Platform Module (FIPS 140-2 level 2 certified) ensures secure storage of all cryptographic keys and certificates. Available in one variant with a choice of storage, it comes preloaded with preconfigured software. Plus, all supported products are available in one price list for a one-stop-shop experience. 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 including RAID**
- > **32 TB storage**
- > **32 AXIS Camera Station Pro licenses included**
- > **Extensive support and 5-year warranty**



AXIS Camera Station S1232 Tower Recording Server

Licenses

32 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 128 doors and a recording bitrate up to 500 Mbit/s, 64 video channels at 4 MP, 30 fps in a retail scenario.
Check AXIS Site Designer for storage estimates.
Can be scaled with more devices when using AXIS S30 Recorder Series.
Qualified for 200 simultaneous audio streams using AXIS Audio Manager Pro.
Qualified for up to 1,000 doors with access control only.
Tested with:
6 live view clients
3 clients performing heavy playback or scrubbing operations

Hardware

Processor

Intel® Xeon® E processor

Memory

2x 16 GB¹

Storage

Hot swappable Enterprise Class HDD
Total HDD slot: 8
Free HDD slot: 4
Out-of-the-box storage: 24 TB after RAID 5
Out-of-the-box capacity without RAID: 32 TB (4x8 TB)

RAID

Factory RAID level: 5
Supported RAID levels: 0, 1, 5, 6, 10

Graphics card

Nvidia® RTX™ A400²

Power

2 x 600 W hot-plug redundant power supplies (included)
(100–240 V AC, 7.1–3.6 A, 50/60 Hz)

Power consumption

Typical: 159 W (542 BTU/h)
Maximum: 181 W (617 BTU/h)

Connectors

Front side:

1x USB 2.0
1x iDRAC direct port

Rear side:

5x USB 2.0
1x USB 3.0
1x VGA (Do not use)
1x Serial port
1x iDRAC dedicated Ethernet port
2x RJ45 1 Gbps
3x Mini DisplayPort™ (max two monitors recommended)

Video

Video streaming

Live view:

1 stream x 4K at 30 fps
4 split x 1080p at 30 fps
9 split x 720p at 15 fps
16 split x 360p at 15 fps
25 split x 360p at 15 fps
36 split x 360p at 15 fps
Any combination of the above for maximum two 4K monitors

Playback:

Supports one monitor with the same split scenarios as for live view.
Playback at high speeds can affect the video performance.

Approvals

Supply chain

TAA compliant

EMC

EN 55032 Class A, EN 55024, EN 55035, EN 61000-3-2, EN 61000-3-3, FCC Part 2 and 15 Class A, ISD ICES-003 Class A, RCM AS/NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835, VCCI 32-1 Class A, BSMI

Safety

IEC/EN/UL 62368-1, EN 62311, NOM-019-SCFI-1998

1. Units produced prior to September 1, 2024: 2x 8 GB
2. Units produced prior to Dec, 2024: Nvidia® T series

Cybersecurity

Edge security

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

General

Operating system

Microsoft® Windows® 11 IoT Enterprise LTSC 2024³
Built-in operating system recovery: yes
Operating system drive: 480 GB SSD⁴

Remote server management

iDRAC 9 basic license

Operating conditions

10 °C to 35 °C (50 °F to 95 °F)
Humidity 5–80% RH (non-condensing)

Storage conditions

–40 °C to 65 °C (–40 °F to 149 °F)

Dimensions

Height: 382.5 mm (15.06 in)
Width: 175 mm (6.89 in)
Depth without bezel: 562.12 mm (22.13 in)
Depth with bezel: 581.72 mm (22.90 in)

Weight

21.1 kg (46.52 lb)⁵

Included accessories

2x C13 wall plug power cord, 2x Mini DisplayPort™ to DisplayPort™ adapter

Optional accessories

Axis workstations
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.

Part numbers

axis.com/products/axis-s1232-tower-#part-numbers

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

Recycled plastics material content: 60.2% (Post Consumer recycled)⁶
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

3. Units produced prior to March, 2025: Microsoft® Windows® 10 IoT Enterprise LTSC 2021

4. Units produced prior to September 1, 2024: 240 GB SSD

5. Units produced prior to September 1, 2024: 21.3 kg (46.96 lb)

6. Measured as a percentage of total amount of plastic (by weight) in the product as per guidance in EPEAT standard as applies to plastics parts

AXIS Camera Station Pro

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