AXIS Camera Station S1216 Tower
Out-of-the-box ready recording servers

Featuring powerful components, this secure, scalable recording server offers high performance and support for powerful applications and features. For quick and easy installation, AXIS S1216 Tower is preconfigured and preloaded with AXIS Camera Station Pro video management software including licenses for 16 channels plus all necessary system software. And, a Trusted Platform Module (FIPS 140-2 level 2 certified) ensures secure storage of all cryptographic keys and certificates. 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**
> **8 TB storage included**
> **16 AXIS Camera Station Pro licenses included**
> **Extensive support and 5-year warranty**

AXIS Camera Station S1216 Tower

Licenses
16 AXIS Camera Station Pro Core Device NVR 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 Mbit/s which corresponds to 4 MP, 30 fps per channel 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 up to 1,000 doors with access control only.
Tested with:
6 live view clients
2 clients performing heavy playback or scrubbing operations

Hardware

Processor
Intel® Core™ processor

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® UHD graphics

Power
500 W 80+ Platinum
(100–240 V AC, 7.0 A, 50/60 Hz)

Power consumption
Typical: 80 W (272.9 BTU/h)
Maximum: 110 W (375.3 BTU/h)

Connectors
Front side:

1x Universal audio jack
2x USB 2.0
1x USB 3.2
1x USB 3.2 Gen 2x2 Type-C
Rear side:
1x Universal audio jack
3x DisplayPort™ 1.4a
1x Header for remote power button
4x USB 3.2
2x USB 2.0
1x RJ45 Ethernet

Video

Video streaming
Live view:
1 stream x 4K at 30 fps
4 split x 1080p at 30 fps
9 split x 720p at 30 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 where only one monitor can show streams at 30 fps.
Playback:
Supports the same split scenarios as for live view on one monitor.
Playback at high speeds can affect the video performance.

Approvals

Supply chain
TAA compliant

EMC
EN 55032 Class B, EN 55035, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class B, ISED ICES-003 Class B, RCM AS/NZS CISPR 32 Class B, KS C 9832 Class B, KS C 9835, VCCI 32-1 Class B, BSMI

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

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 2024[1]
Built-in operating system recovery: yes
Operating system drive: 256 GB SSD

Operating conditions
0 °C to 45 °C (32 °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
367 x 169 x 301 mm (14.5 x 6.7 x 11.8 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
To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*
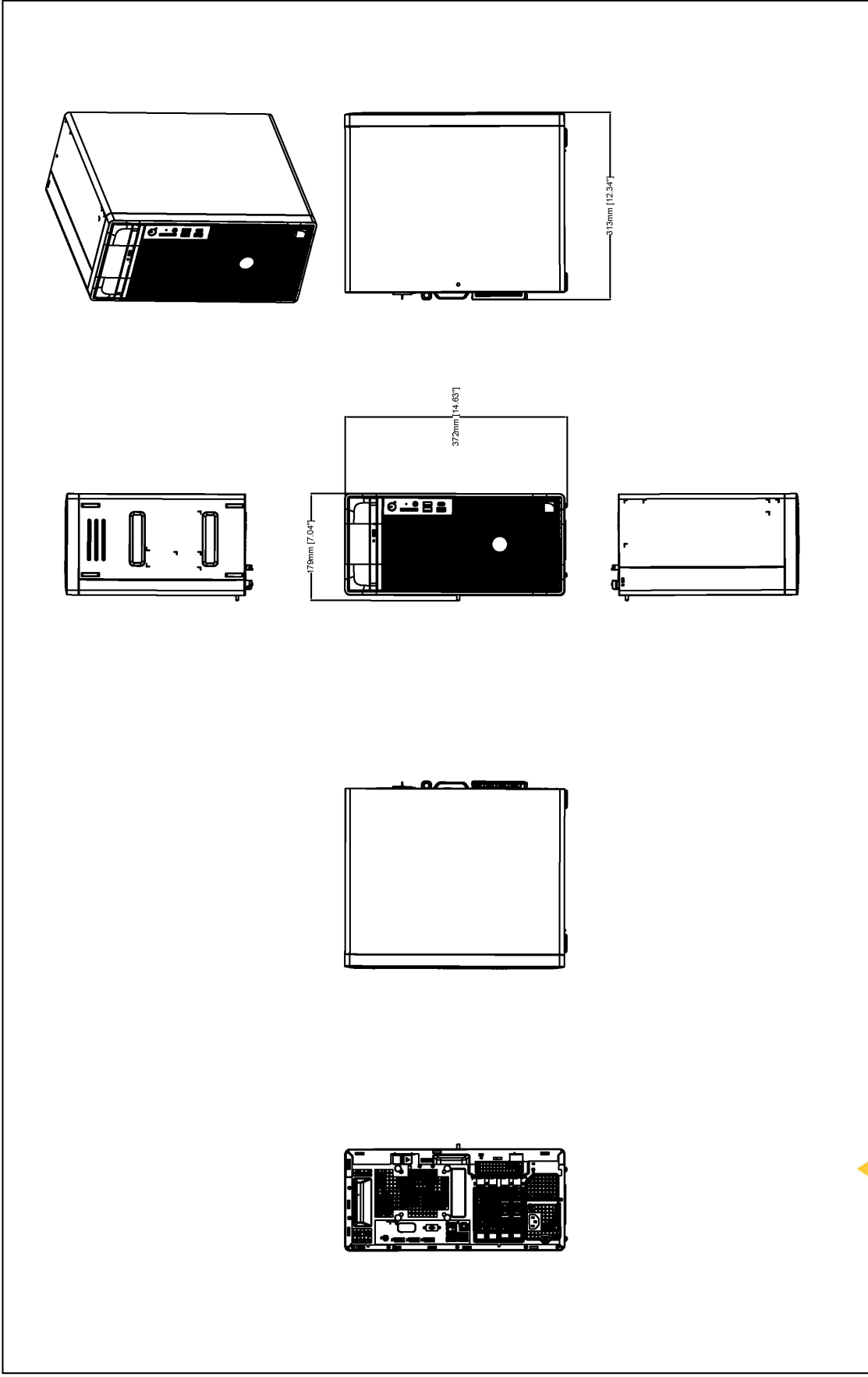
Environmental responsibility
axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

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1. *Units produced prior to May, 2025: Microsoft® Windows® 10 IoT Enterprise LTSC 2021*

AXIS Camera Station Pro

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

313mm [12.34"]

372mm [14.63"]

179mm [7.04"]

AXIS S1216 Tower

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*

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