AXIS Camera Station S1296 Rack 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 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 two variants 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

> Available in 2 variants: 96 TB and 192 TB

> 96 AXIS Camera Station licenses included

> Extensive support and 5-year warranty

AXIS Camera Station S1296 Rack Recording Server

Models	S1296 Rack 96 TB S1296 Rack 192 TB
Licenses	96 AXIS Camera Station core licenses included and tied to the hardware. Can be upgraded with additional licenses (sold separately).
System scalability	Qualified for 192 doors and a recording bitrate up to 1.5 Gbit/s, 150 video channels at 4 MP, 30 fps in a retail scenario. Check AXIS Site Designer for storage estimates. Tested with: 20 live view clients 4 clients performing heavy playback or scrubbing operations For systems with over 100 video channels or a recording bitrate over 1 Gbit/s, we recommend setting the size allocated for recording to 95%.

Hardware

Processor	Intel® Xeon® Silver
Memory	2x 16 GB
Storage	**S1296 Rack 96 TB** Hot swappable Enterprise Class HDD Total HDD slot: 12 Free HDD slot: 0 Out-of-the-box storage: 80 TB after RAID 6 Out-of-the-box capacity without RAID: 96 TB (12x8 TB) **S1296 Rack 192 TB** Hot swappable Enterprise Class HDD Total HDD slot: 12 Free HDD slot: 0 Out-of-the-box storage: 160 TB after RAID 6 Out-of-the-box capacity without RAID: 192 TB (12x16 TB)
RAID	Factory RAID level: 6 Supported RAID levels: 0, 1, 5, 6, 10
Power	2 x 800 W hot-plug redundant power supplies (included) (100–240 V AC, 12–6.3 A, 50/60 Hz)
Connectors	**Front side:** 1x USB 2.0 1x VGA 1x iDRAC direct port **Rear side:** 1x USB 2.0 1x USB 3.0 1x VGA 1x iDRAC dedicated Ethernet port 2x RJ45 1 Gbps (Do not use) 2x RJ45 10 Gbps

Video

Video streaming	Not intended for local viewing of video. Recommended to use Axis workstations.

Cybersecurity

Documentation	*AXIS OS Hardening Guide*

Axis Vulnerability Management Policy
Axis Security Development Model
AXIS OS Software Bill of Material (SBOM)
To download documents, go to *axis.com/support/cybersecurity/resources*
To read more about Axis cybersecurity support, go to *axis.com/cybersecurity*

General

Operating system	Microsoft® Windows® 10 IoT Enterprise LTSC 2021 Built-in operating system recovery: yes Operating system drive: 240 GB SSD
Remote server management	iDRAC 9 basic license
Security	Support for encrypted operating system drive and recording drive FIPS 140-2 level 2 certified Trusted Platform Module (TPM 2.0)
Operating conditions	10 °C to 35 °C (50 °F to 95 °F) Humidity 20–80% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 55024, EN 55035, EN 61000-3-2, EN 61000-3-3, FCC Part 2 and 15 Class A, ISED 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 60950-1, IEC/EN/UL 62368-1, EN 62311, NOM-019-SCFI-1998
Compliance	TAA (Trade Agreements Act)
Dimensions	721.62 x 482 x 87 mm (28.42 x 19 x 3.43 in), 2U chassis **Rail sizing:** Type: sliding Minimum rail mounting depth: 719 mm (28.31 in) Square-hole rack adjustment range: 631–868 mm (24.85–34.18 in) For more information, see the Dell EMC Enterprise Systems Rail Sizing and Rack Compatibility Matrix
Weight	**S1296 Rack 96 TB** 22.9kg (50.49 lb) **S1296 Rack 192 TB** 25.6 kg (56.44 lb)
Included accessories	Dell Ready Rails 2U Sliding Rails, 2x C13 to C14 power cords for rack PDU (Wall plug power cords are not included)
Optional accessories	Axis workstations For more accessories, see *axis.com*
Services	Next Business Day Onsite Support Keep Your Hard Drive
Warranty	5-year warranty, see *axis.com/warranty*

AXIS Camera Station

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

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