

AXIS 291 1U Video Server Rack

Full frame rate, high-density video encoder rack solution.



- > High density
- > 1U 19" industry standard rack
- > 3 expansion slots for video encoder blades
- > Built-in universal power supply
- > Compatible with all Axis Blades

AXIS 291 1U Video Server Rack is a high-density solution for seamless and professional installation of video encoders. AXIS 291 1U is designed for expanding applications and is ideal for airports, hotels and train stations – premises where analog cameras are already installed.

AXIS 291 1U Video Server Rack combines high reliability and functionality with quick, flexible and professional installation. The rack is designed to migrate from 4 to 18 analog cameras into high performance, IP-based, digital solutions, using only one Ethernet port.

AXIS 291 1U is designed for applications that need to be able to expand, not only by adding more channels, but also by using different types of cameras.

AXIS 291 1U is a 19" video encoder rack that holds up to 3 interchangeable and hot-swappable blades. Together with the video encoder blades, this rack provides MPEG-4 and Motion JPEG video at 25/30 frames per second at up to 4CIF resolution on all channels simultaneously. AXIS 291 1U can also provide H.264, dependent on the blade version.

The video encoder enables pan/tilt/zoom control over the network of all leading brands of analog video cameras on the market.



Technical specifications – AXIS 291 1U Video Server Rack

| 291 1U Video encoder rack | | Operating conditions |
|---------------------------|--|--|
| Expansion slots | 3 slots for Axis video encoder blades | 0 °C – 45 °C (32 °F – 113 °F) Humidity 20 – 80% RH (non-condensing) |
| Casing | Metal casing for standalone or rack mounting | Approvals |
| Power | 100 – 240 V AC, 1.9 A max 80 W (with 3x243Q) | EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, VCCI Class B, AS/NZ CISPR 22, ICES-003, ITE, UL, cUL, EN 60950-1, CB-certificate, KTL |
| Connectors | Ethernet 10BASE-T/100BASE-TX/1000BASE-T, RJ-45 (Gigabit Ethernet) 3 terminal blocks: 4 alarm inputs 4 outputs RS-485/422 half-duplex | Weight |
| | | 3.7 kg (8.2 lbs) excluding blades |
| | | Included accessories |
| | | Installation Guide, mounting kit, AC power cable |

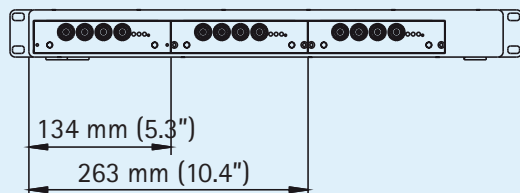
More information is available at www.axis.com

| Compatible video encoder blades | | | | | |
|---------------------------------|-----------------|--------------------|---|-------------------------|-------------|
| Blade | No. of channels | Video compression* | Frames per second in max. resolution | External inputs/outputs | PTZ support |
| AXIS Q7406 | 6 | H.264 | Multiple streams at 30/25 in D1 per channel | 8 configurable | ● |
| | | Motion JPEG | | | |
| AXIS Q7414 | 4 | H.264 | Multiple streams at 30/25 in D1 per channel | 8 configurable | ● |
| | | Motion JPEG | | | |
| AXIS P7224 | 4 | H.264 | Multiple streams at 30/25 in D1 (8 streams total) | 4 configurable | ● |
| | | Motion JPEG | | | |
| AXIS 243Q | 4 | MPEG-4 | 30/25 in 4CIF per channel | 4/4 | ● |
| | | Motion JPEG | | | |
| AXIS 241Q | 4 | MPEG-4 | 21/17 in 4CIF using 1 channel, 20/17 in CIF per channel using 4 channels | 4/4 | ● |
| | | Motion JPEG | 30/25 in 4CIF using 1 channel, 30/25 in CIF per channel using 4 channels | | |
| AXIS 240Q | 4 | Motion JPEG | 6/5 in 4CIF per channel | 4/4 | ● |
| AXIS 241S | 1 | MPEG-4 | 21/17 in 4CIF, 30/25 in 2CIF | 4/4 | ● |
| | | Motion JPEG | 30/25 in 4CIF | | |

*H.264 is also known as MPEG-4 Part 10/AVC. In the table, MPEG-4 refers to MPEG-4 Part 2.

Dimensions

Front view



Dimensions

Back view

