

AXIS 243Q Blade Video Server

Full frame rate, high-density video encoder.



- > Full frame rate
- > High-quality, de-interlaced video
- > Simultaneous MPEG-4 and Motion JPEG
- > Video motion detection and pre-/post-alarm buffer
- > Support for PTZ and dome cameras

AXIS 243Q Blade Video Server is a high performance, four-channel video encoder blade enabling four analog cameras to be integrated into an IP-based video surveillance system. The video encoder is the ideal choice for casinos, airports, traffic surveillance and prisons – where the advantages of networked video are required as added benefits to analog surveillance systems.

AXIS 243Q Blade Video Server enables high resolution, full frame rate video surveillance and remote monitoring in MPEG-4 or Motion JPEG on all four channels. The video encoder converts analog video into high quality, de-interlaced digital video, and can deliver the highest resolution, 4CIF, at 30/25 (NTSC/PAL) frames per second.

Offering high-resolution professional video surveillance and remote monitoring, the AXIS 243Q Blade offers a number of advanced features, such as video motion detection, active tampering alarm, and alarm buffering. Pre- and post-image alarm buffering secures images just before and after an alarm.

AXIS 243Q Blade Video Server in combination with Axis video encoder racks are specially made for applications involving a large number of cameras. Axis video encoder rack offers flexibility and support for an expanding video surveillance system.

AXIS 243Q Blade Video Server connects to all leading brands of video analog pan/tilt/zoom (PTZ) cameras to allow for easy operation of these PTZ cameras across the IP network.

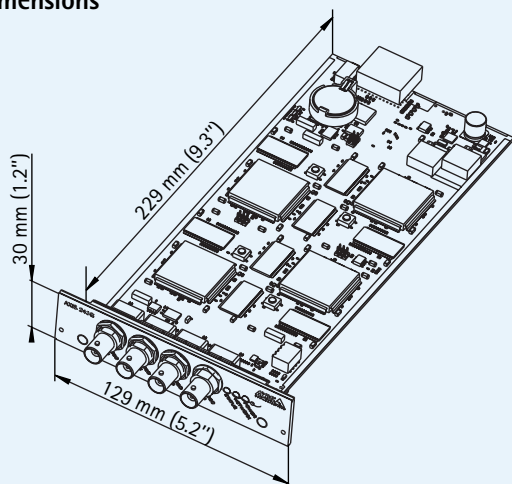
Technical specifications – AXIS 243Q Blade Video Server

Video encoder	
Models	AXIS 243Q Blade Video Server Requires Axis video encoder rack
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Resolutions	704x576 to 160x120
Frame rate MPEG-4	Up to 30/25 (NTSC/PAL) per channel in all resolutions
Frame rate Motion JPEG	Up to 30/25 (NTSC/PAL) per channel in all resolutions
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4
Image settings	Compression, color Rotation: 90°, 180°, 270° Aspect ratio correction Text and image overlay Privacy mask Deinterlace filter
Network	
Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control
Supported protocols	IPv4/v6, HTTP, HTTPS, QoS layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

More information is available at www.axis.com

System integration	
Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com
Intelligent video	Video motion detection, active tampering alarm
Alarm triggers	Intelligent video, external inputs, video loss, on boot, PTZ preset
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation
Video buffer	9 MB pre- and post-alarm per channel
Pan/Tilt/Zoom	Wide range of analog PTZ cameras supported (drivers available for download at www.axis.com) 20 presets/camera, guard tour, PTZ control queue Supports Windows compatible joysticks
General	
Processor and memory	4x ETRAX 100LX, 4x ARTPEC-2, 4x 32 MB RAM, 4x 8 MB Flash
Power	Powered from AXIS 291 1U Video Server Rack or AXIS Q7900 Rack
Connectors	4 analog composite video BNC input, NTSC/PAL auto-sensing RJ-45 10BASE-T/100BASE-TX Terminal block for 4 inputs, 4 outputs and RS-485 half duplex
Operating conditions	0 – 45 °C (32 – 113 °F) Humidity 20 – 80% RH (non-condensing)
Approvals	EN 61000-6-1, EN 61000-6-2, EN 55024, EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class B, AS/NZS CISPR 22, ICES-003, VCCI Class B, ITE, UL EN 60950-1
Weight	270 g (0.6 lbs)
Included accessories	Installation Guide, CD with installation and management tools, software and User's Manual, 1 Windows decoder user license

Dimensions



Required hardware

AXIS Q7900 Rack



AXIS 291 1U Video Server Rack



Optional accessories

AXIS T8310 Video Surveillance Control Board



For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see www.axis.com/products/video/software/