

AXIS Q7436 Video Encoder Blade

High-performance, flexible 6-channel video encoder

AXIS Q7436 Video Encoder Blade is a high performance 6-channel solution offering outstanding performance and great flexibility. The video encoder blade solution with AXIS Encoder Chassis enables up to 84 analog cameras per chassis to be integrated into an IP-based, high-density video surveillance system, ideal for demanding locations. AXIS Q7436 is configured with Axis Zipstream technology lowering bandwidth and storage requirements by an average 50% or even more. AXIS Q7436 offers great image processing features such as reduced noise, enhanced sharpness and optimized contrast, allowing for even better image quality output with less storage.

- > [Axis Zipstream](#)
- > [Intelligent video capabilities](#)
- > [60/50 fps support](#)
- > [Coax PTZ control](#)
- > [H.264 and Motion JPEG streams](#)



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Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	176x120 to 720x576 NTSC/PAL
Frame rate	Up to 60/50 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast Rotation: 90°, 180°, 270° Aspect ratio correction, Text and image overlay, Privacy mask, Mirroring of images, Enhanced deinterlace filter, Video termination, Anti-aliasing, Noise reduction, Local contrast
Pan/Tilt/Zoom	Wide range of analog PTZ cameras supported, drivers available for download at www.axis.com 100 presets/camera, Guard tour, PTZ control queue Supports Windows compatible joysticks Compatible with Coaxitron® by Pelco
Network	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at www.onvif.org
Analytics	AXIS Video Motion Detection 4, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Intelligent video Video loss External inputs
Event actions	File upload via FTP, SFTP, HTTP, HTTPS network share and email
	Notification via email, HTTP, HTTPS and TCP External output activation Pre- and post-alarm video buffering PTZ preset Status LED
Data streaming	Event data
General	
Memory	6x 256 MB RAM, 6x 256 MB Flash
Power	12 V DC, max 16.3 W
Connectors	6x analog composite video BNC inputs
Operating conditions	0° C to 45° C (32° F to 113° F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC 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, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 Safety IEC/EN/UL 60950-1 Network NIST SP500-267
Weight	303 g (0.6 lb)
Included accessories	Installation Guide Windows decoder user license
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/support/downloads
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty
a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i>	
Environmental responsibility: axis.com/environmental-responsibility	