AXIS 241QA Video Server

Full-featured digital benefits for analog surveillance systems.

> **High quality, de-interlaced video**

> **Simultaneous MPEG-4 and Motion JPEG**

> **Video motion detection**

> **Support for PTZ and dome cameras**

> **Comprehensive security features**

> **Two-way audio support**

AXIS 241QA Video Server enables analog cameras to be integrated into an IP-based video surveillance system, providing users with the benefits of professional network video technology.

AXIS 241QA Video Server converts analog video signals into high quality, de-interlaced, digital video streams that are sent over an IP network. The AXIS 241QA accommodates four analog video streams.

MPEG-4 and Motion JPEG streams can be sent simultaneously from each channel and at full frame rate. This allows users to have different viewing and recording settings that are optimized for image quality and efficient bandwidth/storage use.

AXIS 241QA Video Server provides powerful event management functions, including built-in motion detection, image upload, alarm notification and I/O control.

The video servers' serial ports enable pan/tilt/zoom control of PTZ cameras and PTZ dome cameras over the network.

The AXIS 241QA Video Server offers comprehensive security features such as multiple user access levels, IP address filtering, HTTPS encryption and IEEE 802.1X authentication.

An integrated two-way audio support enables the users to not only see, but also listen in on an area and communicate requests or orders.
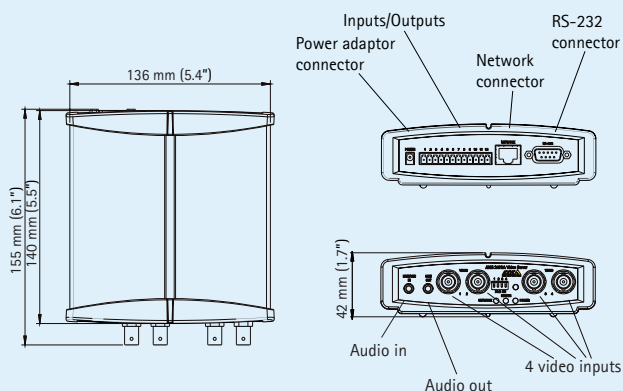
Technical specifications – AXIS 241QA Video Server

Video encoder	
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Resolutions	160x120/176x144 to 704x480/768x576 (NTSC/PAL)
Frame rate MPEG-4	Up to 20/17 (NTSC/PAL) fps at CIF
Frame rate Motion JPEG	Up to 30/25 (NTSC/PAL) fps at CIF
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4
Image settings	Compression, color, aspect ratio correction Rotation: 90°, 180°, 270° Mirroring of images Text and image overlay Privacy mask De-interlace filter

Audio	
Audio streaming	Two-way, full duplex, half duplex
Audio compression	G.711 PCM 8 kHz 64 kbit/s G.726 ADPCM 8 kHz 32 or 24 kbit/s
Audio input/output	External microphone or line input, line level output

Network	
Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, digest authentication, user access log
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

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
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

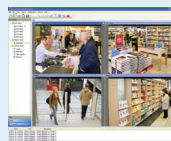| General	
Casing	Metal casing Standalone, stackable or with brackets for wall or cage mount
Processors and memory	ETRAX 100LX, ARTPEC-2, 64 MB RAM, 8 MB Flash
Power	7 – 20 V DC, max 8 W
Connectors	Analog composite video NTSC/PAL auto-sensing: 4 BNC inputs RJ-45 10BASE-T/100BASE-TX Terminal block: I/O terminal block for 4 inputs, 4 outputs, power out and alternative power in RS-485/ RS-422 D-sub for RS-232 port 3.5 mm mic/line in, 3.5 mm line out
Operating conditions	5 – 50 °C (41 – 122 °F) Humidity 20 – 80% RH (non-condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1 Power supply: EN 60950-1, UL, cUL
Weight	540 g (1.2 lb.)
Included accessories	Power supply, mounting and connector kits, Installation Guide, CD with installation and management tools, software and User's Manual, 1 Windows decoder user license

More information is available at www.axis.com

Dimensions

136 mm (5.4")

155 mm (6.1")
140 mm (5.5")

42 mm (1.7")

Power adaptor connector
Inputs/Outputs
Network connector
RS-232 connector

Audio in
Audio out
4 video inputs

Optional accessories

AXIS 295
Video Surveillance Joystick

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

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