

## AXIS 241Q/241S Video Servers

Bringing network video benefits to analog surveillance systems.



- > High quality, de-interlaced video
- > Simultaneous Motion JPEG and MPEG-4 streams
- > Video motion detection
- > Support for PTZ and dome cameras
- > Comprehensive security features

AXIS 241Q/241S Video Servers enable analog cameras to be integrated into an IP-based video surveillance system, providing users with the benefits of professional network video technology.

AXIS 241Q/241S Video Servers convert analog video signals into high quality, de-interlaced, digital video streams that are sent over an IP network. AXIS 241Q features four analog channels and AXIS 241S features one channel. Both models are available as standalone units or blade versions for rack solutions.

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 241Q/241S Video Servers provide powerful event management functions. Events can be triggered for example by video motion detection and external input devices, and responses can include image upload, alarm notifications and activation of external devices such as lights, doors or alarms.

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

AXIS 241Q/241S Video Servers offer comprehensive security features such as multiple user access levels, IP address filtering, HTTPS encryption and IEEE 802.1X.



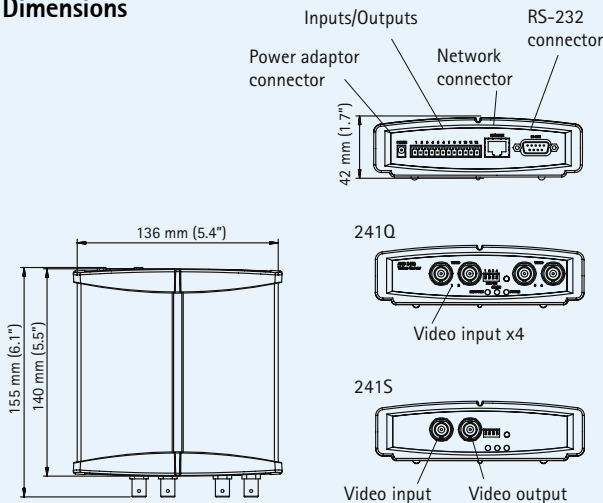
## Technical specifications – AXIS 241Q/241S Video Servers

Video encoder	
<b>Models</b>	<b>AXIS 241Q*</b> : Four video channels <b>AXIS 241S*</b> : One video channel *Also available as blade versions for Axis Video Rack Solution
<b>Video compression</b>	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
<b>Resolutions</b>	160x120 to 704x576
<b>Frame rate MPEG-4</b>	<b>AXIS 241Q</b> : Up to 20/17 (NTSC/PAL) fps at CIF <b>AXIS 241S</b> : Up to 30/25 (NTSC/PAL) fps at 2CIF, 21/17 fps at 4CIF
<b>Frame rate Motion JPEG</b>	<b>AXIS 241Q</b> : Up to 30/25 (NTSC/PAL) fps at CIF <b>AXIS 241S</b> : Up to 30/25 (NTSC/PAL) fps at 4CIF
<b>Video streaming</b>	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4
<b>Image settings</b>	Compression, color, rotation, aspect ratio correction, mirroring Text and image overlay Privacy mask De-interlace filter
<b>Pan/Tilt/Zoom</b>	Wide range of analog PTZ cameras supported (drivers available for download at <a href="http://www.axis.com">www.axis.com</a> ) 20 presets/camera Guard tour PTZ control queue Supports Windows compatible joysticks
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, digest authentication, user access log
<b>Supported protocols</b>	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	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® from Axis Communications available at <a href="http://www.axis.com">www.axis.com</a>
<b>Intelligent video</b>	Video motion detection, active tampering alarm
<b>Alarm triggers</b>	Intelligent video, external inputs, video loss
<b>Alarm events</b>	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation
<b>Video buffer</b>	9 MB pre- and post-alarm per channel
General	
<b>Casing</b>	Metal casing Standalone, stackable or with brackets for wall or cage mount
<b>Processors and memory</b>	<b>AXIS 241Q</b> : ARTPEC-2, 64 MB RAM, 8 MB Flash <b>AXIS 241S</b> : ARTPEC-2, 32 MB RAM, 8 MB Flash
<b>Power</b>	7 – 20 V DC, max 8 W
<b>Connectors</b>	Analog composite video NTSC/PAL auto-sensing: <b>AXIS 241Q</b> : 4 BNC inputs <b>AXIS 241S</b> : 1 BNC input and 1 BNC output: loopthrough or Y/C video input RJ-45 10BaseT/100BaseTX Terminal block: I/O terminal block for four configurable inputs/outputs RS-485/ RS-422 D-sub for RS-232 port
<b>Operating conditions</b>	5 – 50 °C (41 – 122 °F) Humidity 20 – 80% RH (non-condensing)
<b>Approvals</b>	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 Power supply: EN 60950-1, UL, cUL
<b>Weight</b>	540 g (1.2 lbs)
<b>Included accessories</b>	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](http://www.axis.com)

### Dimensions



### Optional accessories

AXIS Rack Solution



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/](http://www.axis.com/products/video/software/)