AXIS 241QA Video Server
Full-featured digital benefits for analog surveillance systems.

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, 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
- **Processors and memory**: ETRAX 100LX, ARTPEC-2, 64 MB RAM, 8 MB Flash
- **Power**: 7 – 20 V DC, max 8 W
- **Connectors**
  - Network connector
  - RS-232 connector
- **Audio in**: 4 video inputs
- **Audio out**: 4 video inputs

### Operating conditions
- **Temperature**: 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

### Dimensions

### Weight
- 540 g (1.2 lb.)

### More information is available at www.axis.com

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