Axis 240Q Video Server
Digital benefits for analog surveillance systems.

AXIS 240Q Video Server provides easy integration with traditional analog systems, ensuring a smooth migration toward an IP solution. Combining analog camera investments with a network video solution gives a flexible and cost-effective solution with plenty of room for growth.

AXIS 240Q can connect up to four analog cameras and transmit digital video from all four channels simultaneously via an Ethernet connection.

Analog video is digitized into crisp, real-time Motion JPEG video streams at a maximum frame rate of 6/5 frames per second on each channel independent of resolution.

AXIS 240Q offers advanced event handling with video motion detection, I/O control and alarm notification.

Pan/tilt/zoom and dome cameras may be connected to the unit’s serial port and are easily controlled from a user interface.

A comprehensive set of security features includes, among other things, multiple user access levels, IP address filtering, HTTPS encryption and IEEE 802.1X authentication.
## Technical specifications – AXIS 240Q Video Server

### Video server

| Models | AXIS 240Q: Four port Video Server  
Also available as blade version for Video Rack Solution |

<table>
<thead>
<tr>
<th>Video compression</th>
<th>Motion JPEG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolutions</td>
<td>160x120 to 704x576</td>
</tr>
<tr>
<td>Frame rate</td>
<td>Up to 6/5 (NTSC/PAL) fps</td>
</tr>
<tr>
<td>Motion JPEG</td>
<td>Controllable frame rate and bandwidth</td>
</tr>
</tbody>
</table>
| Image settings    | Compression, color, rotation, aspect ratio correction  
Text and image overlay  
Privacy mask  
De-interlace filter |

### Network

<table>
<thead>
<tr>
<th>Security</th>
<th>Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported protocols</td>
<td>IPv4/IPv6, HTTP, HTTPS, QoS layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2/v3(MIB-II), DNS, DynDNS, TCP, UDP, ICMP, DHCP, ARP, SOCKS</td>
</tr>
</tbody>
</table>

### System integration

<table>
<thead>
<tr>
<th>Application Programming Interface</th>
<th>Open API for software integration, including VAPIX® from Axis Communications available at <a href="http://www.axis.com">www.axis.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Intelligent video</td>
<td>Video motion detection</td>
</tr>
<tr>
<td>Alarm triggers</td>
<td>Intelligent video, external input</td>
</tr>
</tbody>
</table>
| Alarm events                     | File upload via FTP, HTTP and email  
Notification via email, HTTP and TCP  
External output activation |
| Video buffer                     | 3 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

<table>
<thead>
<tr>
<th>Casing</th>
<th>Metal</th>
</tr>
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<tbody>
<tr>
<td>Processors and memory</td>
<td>ETRAX 100LX, ARTPC-2, 32 MB RAM, 8 MB Flash</td>
</tr>
<tr>
<td>Power</td>
<td>7 – 20 V DC, max 8 W</td>
</tr>
</tbody>
</table>
| Connectors | Analog composite video NTSC/PAL auto-sensing:  
4 BNC inputs  
RJ-45 10BASE-T/100BASE-TX  
Terminal block:  
I/O terminal block for four configurable inputs/outputs  
RS-485/ RS-422  
D-sub for RS-232 port |
| 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

- [Image of dimensions](image)

### Optional accessories

- [AXIS Rack Solution](image)
- [AXIS 295 Video Surveillance Joystick](image)

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