AXIS 241 Video Servers

Full-featured digital benefits for analog surveillance systems

AXIS 241 Video Servers from the market leader in network video, are designed to migrate your analog investments into high-performance IP solutions, ideal for surveillance and remote monitoring.

The AXIS 241 Video Servers accommodate one or four analog video streams depending on the model. System integration and network utilization are optimized with sophisticated functions such as built-in motion detection, SNMP and simultaneous Motion JPEG and MPEG-4 streams. Powerful event management tools include image upload, alarm notification and I/O control. Pan/tilt/zoom control is done over the serial port, enabling PTZ and dome camera handling over the network.

A complete set of security features, including multiple user access levels, HTTPS encryption and IP address filtering, ensure secure video handling and configuration.

- High quality, de-interlaced video at 30/25 frames per second per channel
- Simultaneous Motion JPEG and MPEG-4 streams in resolutions up to 704x576
- Video motion detection and pre/post-alarm buffer
- Support for PTZ and dome cameras
- HTTPS encryption for network security

AXIS Communications
AXIS 241 Video Servers

Specifications

| Models           | AXIS 241Q*: Four video channels  
|                 | AXIS 241S*: One video channel  
|                 | *Also available as blade versions for Axis Rack Solution
| Video compression| Motion JPEG  
|                 | MPEG-4 Part 2 [ISO/IEC 14496-2], Profiles: ASP and SP
| Resolutions     | 4CIF, 2CIFExp, 2CIF, QCIF  
|                 | 704x480 (NTSC) 704x480 (PAL)  
|                 | max 160x120 (NTSC) 176x144 (PAL)
| Frame rate      | Motion JPEG: Up to 30/25 fps at 4CIF (1 channel)  
|                 | MPEG-4: Up to 24/5 fps at 2CIF (1 channel)  
|                 | 21/17 fps at 4CIF (1 channel)  
|                 | 20/17 fps at CIF (4 channel)
| Video streaming | Simultaneous Motion JPEG and MPEG-4  
|                 | Controllable frame rate and bandwidth
|                 | Constant and variable bit rate [MPEG-4]
| Image settings  | Compression levels: 11 (Motion JPEG) 23 (MPEG-4)  
|                 | Rotation: 90°, 180°, 270°
|                 | Aspect ratio correction
|                 | Color: color, black & white  
|                 | Overlay capabilities: time, date, text, image or privacy mask
| Security        | De-interlace filter
| Alarm and event | Events triggered by video motion detection, external inputs,  
|                 | audio detection, PTZ presets, product restart, video loss, or  
|                 | according to a schedule,  
|                 | Image upload over FTP, email, HTTP
|                 | Notification over TCP, email, HTTP, external outputs
|                 | Pre- and post alarm buffer of 9 MB per channel  
|                 | (approx. 4 min of CIF resolution video at 4 frames per second)
| Pan/Tilt/Zoom    | Wide range of analog PTZ cameras supported*  
|                 | 20 presets/camera, Guard tour, PTZ control queue
|                 | Supports Windows compatible joysticks
| Connectors      | Analog composite video, NTSC/PAL autosensing inputs:  
|                 | AXIS 241Q: 4 BNC inputs  
|                 | AXIS 241S: 1 BNC input and 1 BNC output: looptrough or  
|                 | Y/C video input  
|                 | Ethernet 10BaseT/100BaseTX, RJ-45  
|                 | Terminal block: 4 alarm inputs, 4 alarm outputs,  
|                 | RS-485/422 half duplex port, alternative power connection
| Casing          | Metal casing. Standalone, stackable, or with brackets for  
|                 | wall or cage mount
| Processors and  | CPU: ETRAX 100LX  
| memory          | Video processing and compression: ARTPEC-2  
|                 | RAM: 64MB [241Q], 32 MB [241S]  
|                 | Flash: 8 MB
|                 | Battery backed up by real-time clock
| Power           | 7-20 V DC, max 8W
| Dimensions (HxWxD) and weight | 42 x 140 x 155 mm (1.7" x 5.5" x 6.1")  
|                 | 540 g (1.2 lbs) excl. power supply

AXIS 241Q/5s are also available as blade versions for Axis Rack Solution.
12 blade slots allow for centralized video server management.

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