AXIS 2411 Video Server

Digitizing your analog world

The AXIS 2411 offers a generic stream of video from a remote analog video source, a common function of all video servers from Axis.

The AXIS 2411 is an entry-level single channel video server designed for professional IP-Surveillance systems. This high performance video server is ideal as an integrated part of a large system, as well as for browser-based single camera viewing. It delivers video streams at up to 30 frames/second using Motion-JPEG. Three different image resolution alternatives and five user selectable compression levels provide flexibility to meet various demands.

The AXIS 2411 is a compact, comprehensive single-box solution that digitizes and compresses an analog video signal and makes it available to network users, at a very attractive pricing.

- A compact solution for transmission of video over distance

- Live video and remote monitoring – with standard IP-networks

- High quality Motion-JPEG images – at up to 30 frames/second

- Built in Web Server

- No extra accessories or software needed

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AXIS 2411 Video Server

General

- Use as a standalone system or added on to existing CCTV systems
- Remote configuration and status using Web based tools

System Requirements

The following specification applies to the use of browser-based viewing. When using application software, please refer to the specifications provided with the software.

- Operating Systems: Windows 95*, 98, NT4, 2000 and XP, Linux*, Unix*, Mac OS*, Mac OS X*
- Browsers: Internet Explorer 5.x and higher, Netscape 4.7 and 7.x, Mozilla*, Opera*
- Hardware: Meeting the specification for selected operating system and browser

  *Limitations in functionality

Hardware & System

- CPU: AXIS ETRAX 100LX, 32 bit RISC, 100 MIPS
- Video compression chip: AXIS ARTPEC-1
- 4 MB Flash memory
- 16 MB SDRAM
- 100baseTX Fast Ethernet or 10baseT Ethernet
- Based on Linux version 2.4
- Networking/Supported Protocols: TCP/IP, HTTP, FTP, SMTP, NTP, ARP, DHCP, BOOTP and more
- Real time clock with battery backup

Connections

Network
- RJ45 connection to 10/100 Mbit Ethernet networks

Video inputs
- The AXIS 2411 has a single BNC composite video input with 75/Hi Z termination

Power
- External power supply 9 V DC, 9W (PS-K, included)

Video

- Color & Black/White
- Image frame rate up to 30 frames/second
- Compression Motion-JPEG
- 5 compression levels for each resolution mode
- Supported resolutions:
  - QCIF   176x112 (NTSC), 176x144 (PAL)
  - CIF   352x240 (NTSC), 352x288 (PAL)
  - 4CIF   704x480 (NTSC), 704x576 (PAL)
- Image Overlay:
  - Time & Date
  - User defined text
- Network bandwidth usage limitation control

The file size of a JPEG image depends on factors such as selected resolution, compression level and the actual content of the image. An average JPEG image will normally be 5KB – 50KB.

Security

- Multi user level password protection for restricted camera access

Firmware Updates

- Flash memory allows firmware updates over the network, using FTP over TCP/IP. Firmware upgrades are available from Axis' web site at: www.axis.com

Customer Applications

- Compliance with the AXIS HTTP API for applications and systems integration
- Up to 0.5 MB available for storage of customer Web pages
- Full support in AXIS Camera Explorer and AXIS Camera Recorder

Operating Conditions

- Temp: 5-50 °C (41-122 °F)
- Humidity: 20-80% RHG

Dimensions and Weight

- Height: 1.10" (2.8 cm)
- Width: 4.37" (11.1 cm)
- Length: 4.33" (11.0 cm)
- Weight: 0.66 lb. (0.3 kg), excluding power supply

Approvals

- EMC: FCC Class A, EN55022/1994, EN55024/1998
- Safety: EN60950, UL, CSA

Included Accessories

- Administration manual
- Power supply

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