



AXIS 250S MPEG-2 Video Server

DVD-quality video across networks

The AXIS 250S MPEG-2 Video Server is a cost-effective and independent system for streaming DVD-quality video with synchronized stereo sound across networks. It includes an embedded Web server, and plugs directly to IP networks.

Combining real-time MPEG-2 hardware compression and transmission with full-resolution video, the AXIS 250S is capable of data rates up to 25 Mbps and delivers full frame rate video at up to 25/30 frames per second. Complete with up to a minute of pre-alarm video buffer, it is the ideal high-performance system for any professional security application that demands bandwidth-efficient network video.



- Live MPEG-2 video accross networks
- High-resolution video at full-motion speed
- Cost-efficient. Bandwidth-efficient
- Remote video storage using FTP
- E-mail alarm notification
- Support for Pan/Tilt/Zoom cameras

Technical Specification - AXIS 250S Video Server



System Requirements

- The AXIS 250S MPEG-2 Video Server uses the standard Internet TCP/IP suite of protocols and can be used with high performance PC's running Windows 2000® or Windows XP®
- Minimum client PC requirements
- CPU: Pentium III 500 Mhz or higher, any AMD Athlon
- Memory: 128 Mb RAM
- Graphic card: AGP card with Direct Draw support and 16 Mb video memory*
- PCI-based sound-card
Operating system: Windows 2000®, Windows XP® with Internet Explorer 5.5, MediaPlayer 7 and Direct-X 8.1 installed

*32/64 Mb recommended for high resolutions/color depths

Installation

- Physical network connection using RJ45 twisted pair cable.
- Installs directly to NTSC or PAL video camera using BNC or S-VHS connector

Management

- Remote configuration and status using Web-based tools

Video/Audio Compression

- MPEG-2. User controlled bandwidth utilization control
- Available resolutions: 720x576, 720x480, 352x288, 352x240 pixels
- 16 bits stereo sound
- Bitrate configurable: 0.25-8Mbit/s

Video Quality	Resolution (Pixels)	
	352x240/ 352x288	720x480/ 720x576
Min	~0.25 Mbit/s	~1 Mbit/s
Medium	2 Mbit/s	4 Mbit/s
Max	8 Mbit/s	8 Mbit/s

Pre/post Alarm Buffer

- Up to 1 minute of pre-alarm video buffer

Video inputs

- 1 BNC composite video input with 75 Ω Hi Z termination
- S-VHS Input
- NTSC or PAL Configurable

Audio Inputs

- Stereo microphone input
Low sens. Max: -18.1 dBu (270 mVpp)
High sens. Max: -39.0 dBu (25 mVpp)
- Line input. Max: +2.7 dBu (3.0 Vpp)

Networking

- 10baseT Ethernet or 100baseTX Fast Ethernet, TCP/IP, HTTP, FTP, SMTP, NTP, ARP, DHCP, BOOTP

General I/O

- Two Terminal Block connectors providing four digital alarm inputs and a single output transistor
- Event-triggered actions for remote video storage via File Transfer Protocol (FTP)
- E-mail notification of events (SMTP)
- Pre alarm video storage

Serial Connectors

- One 9 pin D-SUB RS-232 max 230 Kbps
- One RS-485/422 transceiver max 38.4 Kbps, half duplex

Pan/Tilt/Zoom

- PTZ support for remote camera control. Currently supported units and protocols include:
BT Trippy, Canon VC-C3, VC-C4, Daiwa, Diamond SmartScan III, Ernitech ICU 51PA, Kalatel, Lilin, Panasonic, Pelco-D, Sony EVI-G20/21, EVI-D30/31, Surveyor, VCL, Videmech (UOCP), Videor, and Videotronic.
Future support for other PTZ units will be added.

Security

- User level password protection
- IP Address filtering

Operating Conditions

- Temp: 40-125°F (5-50°C)
- Humidity: 20-80% RH

Metrics

- Height: 1.08" (2.75 cm)
- Width: 4.41" (11.2 cm)
- Length: 4.49" (11.4 cm)
- Weight: 1.52 pounds. (0.69 kg), excluding power supply

Hardware

- MPEG-2 compression chip
- ETRAX 100 LX, 32 bit RISC, 100 MIPS CPU
- 16 Mbyte RAM
- 2 Mbytes FLASH PROM

Power

- External power supply 9V DC, 9W PS-K, included
- Alternative input voltage 6-24V DC, min 5W

Software

- No extra software needed. Direct Show™ filter and 3 Viewer (decoder) licenses included
- ActiveX component available for third party system integration and development

Firmware Updates

- Flash memory for simple upgrades



For more information visit our website: www.axis.com