AXIS 247S Video Server

Video encoder solution for efficient and compact installation.

> Compact video encoder solution

> Powered over Ethernet with power out for camera

> High quality, de-interlaced video

> Audio support

> Powerful event management

AXIS 247S Video Server is a high-performance, single channel video encoder, offering a perfect solution for integrating analog cameras into IP-based video surveillance systems. AXIS 247S is the ideal choice for retail stores, bank offices and other areas where the advantages of a compact networked video solution are required.

The compact AXIS 247S is ideal for installation close to the analog camera, where space constraints call for an optimized solution.

Installer-friendly AXIS 247S is powered over Ethernet, and can also feed the camera with power, eliminating the need for power outlets.

Analog video is converted to high-quality, de-interlaced, digital video at up to 30/25 frames per second in 4CIF resolution. Simultaneous MPEG and Motion JPEG video streams allow for optimization both on image quality and bandwidth efficiency.

Audio support enables users not only to view, but also listen in on an area, picking up communication between intruders or unusual sounds from suspicious activity.

Event management capabilities include multi-window video motion detection, audio detection and alarm buffering for efficient use of the video surveillance system.

www.use-ip.co.uk
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32712/EN/R2/0902

Technical specifications – AXIS 247S Video Server

Video	
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Resolutions	704x576 to 160x120
Frame rate MPEG-4	Up to 30/25 (NTSC/PAL) fps at 4CIF
Frame rate Motion JPEG	Up to 30/25 (NTSC/PAL) fps at VGA, 27/23 fps at 4CIF
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4
Image settings	Compression, color Aspect ratio correction Text and image overlay Privacy mask Deinterlace filter

Audio	
Audio streaming	One-way
Audio compression	AAC LC 8 kHz 32 kbit/s G.711 PCM 64kbit/s G.726 ADPCM 32 or 24 kbit/s
Audio input/ output	External microphone input or line input Line level output

Network	
Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control
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, audio detection
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

General	
Casing	Metal casing Standalone or with brackets for wall mount
Processors and memory	ARTPEC A, 32 MB RAM, 8 MB Flash
Power	7 – 15 V DC, max. 5 W or Power over Ethernet IEEE 802.3af Class 2/3
Connectors	Analog composite video BNC input, NTSC/PAL auto-sensing RJ-45 10BASE-T/100BASE-TX PoE Power terminal block: Power feed to the camera or alternative power supply for the video server I/O Terminal block for 1 alarm input, 1 alarm output 3.5 mm mic/line in, 3.5 mm line out 6 pin Mini-DIN alternative connection for: video in, audio in, power out
Operating conditions	0 – 50 °C (32 – 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
Weight	214 g (0.47 lb)
Included accessories	Terminal connector kit, 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

98 mm (3.86")

99 mm (3.90")

41 mm (1.61")
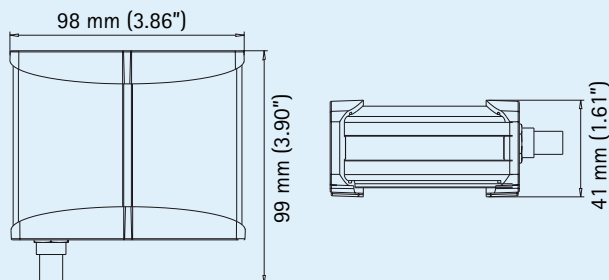
Optional accessories

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

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