DATASHEET

AXIS P7701 Video Decoder

Full-featured video decoder with H.264 support.

- > Decodes H.264, MPEG-4 and Motion JPEG
- > Digital or analog video output
- > Sequence mode and auto-connect on alarm
- > High-quality audio
- > Power over Ethernet

AXIS P7701 Video Decoder provides a simple monitoring solution by enabling digital or analog monitors to connect to and display live video from Axis network cameras and video encoders. AXIS P7701 is ideal for use with a public view monitor, and in large and small surveillance systems.

AXIS P7701 can decode full frame rate video streams in H.264 and MPEG-4 in all resolutions up to D1 (720x480 pixels in NTSC, 720x576 in PAL). Motion JPEG can be decoded in all resolutions up to 720p (1280x720).

AXIS P7701 can scale video to a maximum resolution of 1280x720 pixels on LCD screens, while on analog monitors, the maximum resolution is D1. AXIS P7701 can also output high-quality audio as it can decode audio in AAC, G.726 or G.711 formats. Through an RS-422/RS-485 serial port, AXIS P7701 allows serial commands to be sent to legacy equipment used in a surveillance system.

An unlimited number of video sources can be shown in sequence. With auto-connect on alarm, AXIS P7701 can automatically display alarm-triggered video. The decoder can also be powered through Power over Ethernet, which simplifies installation.

In situations where only live video display is required – such as with a public view monitor at a store entrance, AXIS P7701 offers a more cost-effective solution than connecting a monitor to the network via a PC. AXIS P7701 can also complement a video management system by helping to offload the main server from decoding digital streams simply for display purposes.

Simple monitoring solution for Axis network products.

49341/EN/R1/1210

Technical specifications – AXIS P7701 Video Decoder

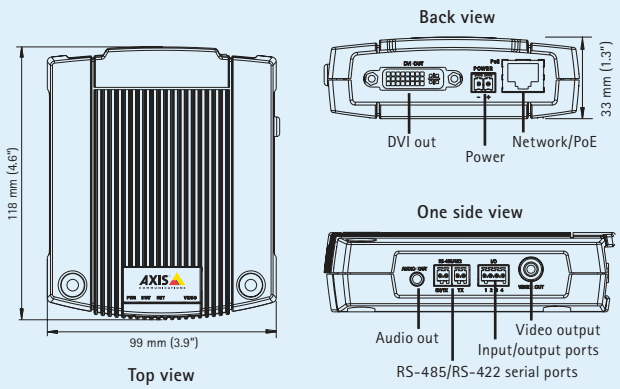
Video decoder	
Video compression	H.264 (MPEG-4 Part 10/AVC, Baseline profile) MPEG-4 Part 2 Motion JPEG
Resolutions	H.264 and MPEG-4 Part 2: All resolutions up to D1 (720x480 NTSC, 720x576 PAL) Motion JPEG: All resolutions up to 720p (1280x720)
Frame rate	30/25 (NTSC/PAL) fps in up to D1 resolution for all compression standards. Up to 15 fps in 720p resolution in Motion JPEG
Video streaming	One stream
Video output	NTSC 720x480, PAL 720x576 VGA (60/75 Hz) 640x480 S-VGA (60/75 Hz) 800x600 HDTV 720p 1280x720
Serial commands	Forwarding of serial commands
Audio	
Audio streaming	One way
Audio compression	AAC-LC 8 kHz 32 kbit/s, 16 kHz 64 kbit/s (AAC audio included in a later firmware release) G.711 PCM 8 kHz 64 kbit/s G.726 ADPCM 8 kHz 32 or 24 kbit/s
Audio input/ output	Line output
Network	
Security	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X* network access control, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SSL/TLS*

System integration	
Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com
Alarm triggers	VAPIX alarm API
Alarm events	Notification via email
General	
Casing	Metal casing. Standalone or wall mount
Processor and memory	TI DM6443, 128 MB RAM, 128 MB Flash
Power	8-20 V DC, max. 8.3 W Power over Ethernet IEEE 802.3af Class 3
Connectors	RCA composite video output DVI-I (digital and analog) output RJ-45 10BASE-T/100BASE-TX PoE DC terminal block: power in 8-20 V DC, max. 8.3 W, I/O terminal block : 1 digital input for video selector and power out only RS-485/ RS-422 terminal block 3.5 mm audio line output, mono
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, VCCI Class B, AS/NZS CISPR 22, EN 60950-1, KCC
Weight	318 g (0.70 lb.)
Included accessories	Power supply, mounting and connector kits, Installation Guide, CD with installation and management tools, software and User's Manual

** This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)*

More information is available at www.axis.com

Dimensions

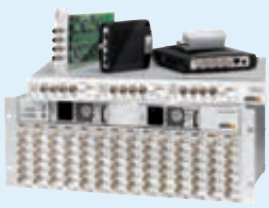


Optional accessories

AXIS T91A02 DIN Rail Clip 77mm

Compatible products

Axis video encoders



Axis network cameras