

## 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.*

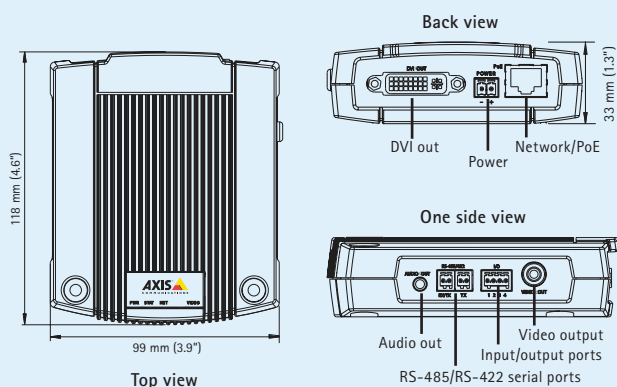
## Technical specifications – AXIS P7701 Video Decoder

| Video decoder                            |  |
|--|--|
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC, Baseline profile)<br>MPEG-4 Part 2<br>Motion JPEG   |
| <b>Resolutions</b>                       | H.264 and MPEG-4 Part 2: All resolutions up to D1 (720x480 NTSC, 720x576 PAL)<br>Motion JPEG: All resolutions up to 720p (1280x720)  |
| <b>Frame rate</b>                        | 30/25 (NTSC/PAL) fps in up to D1 resolution for all compression standards. Up to 15 fps in 720p resolution in Motion JPEG  |
| <b>Video streaming</b>                   | One stream   |
| <b>Video output</b>                      | NTSC 720x480, PAL 720x576<br>VGA (60/75 Hz) 640x480<br>S-VGA (60/75 Hz) 800x600<br>HDTV 720p 1280x720  |
| <b>Serial commands</b>                   | Forwarding of serial commands  |
| Audio                                    |  |
| <b>Audio streaming</b>                   | One way  |
| <b>Audio compression</b>                 | AAC-LC 8 kHz 32 kbit/s, 16 kHz 64 kbit/s<br>(AAC audio included in a later firmware release)<br>G.711 PCM 8 kHz 64 kbit/s<br>G.726 ADPCM 8 kHz 32 or 24 kbit/s   |
| <b>Audio input/output</b>                | Line output  |
| Network                                  |  |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X* network access control, digest authentication, user access log  |
| <b>Supported protocols</b>               | 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                       |  |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX® from Axis Communications available at <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Alarm triggers</b>                    | VAPIX alarm API  |
| <b>Alarm events</b>                      | Notification via email   |
| General                                  |  |
| <b>Casing</b>                            | Metal casing. Standalone or wall mount   |
| <b>Processor and memory</b>              | TI DM6443, 128 MB RAM, 128 MB Flash  |
| <b>Power</b>                             | 8-20 V DC, max. 8.3 W<br>Power over Ethernet IEEE 802.3af Class 3  |
| <b>Connectors</b>                        | RCA composite video output<br>DVI-I (digital and analog) output<br>RJ-45 10BASE-T/100BASE-TX PoE<br>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<br>RS-485/ RS-422 terminal block<br>3.5 mm audio line output, mono |
| <b>Operating conditions</b>              | 0-50 °C (32-122 °F)<br>Humidity 20-80% RH (non-condensing)   |
| <b>Approvals</b>                         | 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  |
| <b>Weight</b>                            | 318 g (0.70 lb.)   |
| <b>Included accessories</b>              | 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](http://www.openssl.org))

More information is available at [www.axis.com](http://www.axis.com)

### Dimensions



### Optional accessories

AXIS T91A02 DIN Rail Clip 77mm



### Compatible products

Axis video encoders

Axis network cameras

