

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.

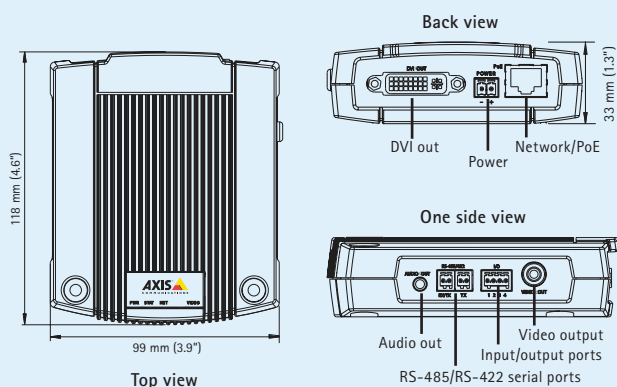
Technical specifications – AXIS P7701 Video Decoder

| Video decoder | |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

