

AXIS T8705 Video Decoder

Discrete 1080p video decoder with HDMI output

AXIS T8705 Video Decoder is a small, easy to install video decoder enabling digital monitors to connect to and display live video from Axis network cameras. Optimized for decoding of H.264 and Motion JPEG, AXIS T8705 can show max 100 sources in sequence and up to 16 video sources in multiview. AXIS T8705 offers a cost-effective solution for video monitoring where live video can be displayed without the use of connection via a PC.

- > [Decodes H.264 and Motion JPEG](#)
- > [HDMI output](#)
- > [Sequence and multiview](#)



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Video	
Video input	Resolution: Up to 1920x1080 with 1 video stream. Up to 960x540 per video stream with 4 video streams. Up to 640x360 per video stream with 9 video streams. Up to 480x270 per video stream with 16 video streams. Refresh rate: Up to 60 Hz View: Sequence view or multiview up to 4x4 streams
HDMI output resolution	1920x1080 @ 60 Hz 1920x1080 @ 50 Hz 1280x720 @ 60 Hz 1280x720 @ 50 Hz 720x480 @ 60 H 640x480 @ 60 H
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Network	
Security	Password protection, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS), digest authentication
Network protocols	IPv4, IPv6, HTTP, HTTPS ^a , SSL/TLS ^a , Bonjour, UPnP [®] , DNS, NTP, RTSP, TCP, UDP, ICMP, DHCP, SSH
System integration	
Application Programming Interface	Open API for software integration
General	
Casing	Plastic casing Color: black NCS S 9000-B
Power	5 V DC, max 5 W Power scheduling
Connectors	1 RJ45 100BASE-TX 1 DC input, DC barrel power jack 5.5/2.1 mm
	1 HDMI type A
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC (decoder and power supply) EN 55032 Class A, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A Safety (power supply) IEC/EN/UL/J/AS/NZS 60950-1, EN 62368-1, EN 60065, AS/NZS 60065
Dimensions	Decoder: 83 x 57 x 47 mm (3 1/4 x 2 1/4 x 1 7/8 in) Decoder with monitor mount bracket: 83 x 98 x 48 mm (3 1/4 x 3 7/8 x 1 7/8 in)
Weight	Decoder: 100 g (0.22 lb) Power supply: 100 g (0.22 lb)
Included accessories	Installation guide, monitor mounting bracket, power supply
Optional accessories	PoE Splitter 5 V For more accessories, see axis.com
Video management software	AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Warranty	5-year warranty, see axis.com/warranty

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility