

## AXIS Q7411 Video Encoder

Full-featured, single-channel video encoder with exceptional performance

AXIS Q7411 is a high-performance, single channel solution that integrates an analog camera into an IP-based video surveillance system. It delivers multiple, individually configurable video streams simultaneously at full frame rate in all resolutions up to D1. H.264 video compression in both Base and Main profile enables significant savings in bandwidth. The support for 60/50 fps provides smooth video in high motion scenes, enabling the user to closely follow details in the monitored area. AXIS Q7411 offers video motion detection, active tampering alarm, two-way audio and audio detection. It allows PTZ control over the coaxial cable and also provides standard support for PTZ cameras using the serial ports.

- > [50/60 fps support](#)
- > [Outstanding video processing capabilities](#)
- > [Coax PTZ Control](#)
- > [AXIS Camera Application Platform](#)
- > [Power over Ethernet](#)



## AXIS Q7411 Video Encoder

<b>Video</b>		<b>Event triggers</b>	Analytics, external input, video loss, audio detection
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline and Main profile Motion JPEG	<b>Event actions</b>	Overlay text, video and audio recording to edge storage, pre- and post-alarm video buffering, external output activation, send SNMP trap, play audio clip, status LED PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP
<b>Resolution</b>	176x120 to 720x576	<b>Data streaming</b>	Event data
<b>Frame rate</b>	H.264: 60/50 (NTSC/PAL) fps in all resolutions Motion JPEG: 60/50 (NTSC/PAL) fps in all resolutions	<b>General</b>	
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264	<b>Casing</b>	Aluminum casing Casing color: Black - NCS S 9000-N
<b>Pan/Tilt/Zoom</b>	Wide range of analog PTZ cameras supported (drivers available for download at <a href="http://www.axis.com">www.axis.com</a> ) Supports Windows compatible joysticks Compatible with Coaxitron® by Pelco 100 preset/camera, Guard tour, PTZ control queue	<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Image settings</b>	Compression, color, brightness, contrast, aspect ratio correction, text and image overlay, mirroring of images, privacy mask, enhanced deinterlace filter, video termination, anti-aliasing, temporal noise filtering Rotation: 90°, 180°, 270°	<b>Power</b>	Power over Ethernet IEEE 802.3af Class 2 8–28 V DC input, max. 5.3 W
<b>Audio</b>		<b>Connectors</b>	Analog composite video BNC input RJ45 10BASE-T/100BASE-TX PoE Terminal block for four configurable external inputs/outputs Terminal block for RS485/RS422 (full duplex) 3.5 mm jack for microphone or line input (mono) 3.5 mm jack for audio output (mono)
<b>Audio streaming</b>	Two-way, full duplex and half duplex	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate	<b>Operating conditions</b>	0 °C to 60 °C (32 °F to 140 °F), 0 °C to 50 °C (32 °F to 122 °F) with included Power supply Humidity 10–85% RH (non-condensing)
<b>Audio input/output</b>	External microphone or line input and line output	<b>Approvals</b>	EN 55022 Class B, EN 50121–4, EN 61000–3–2, EN 61000–3–3, EN 55024, EN 61000–6–1, EN 61000–6–2, FCC Part 15 Subpart B Class B, ICES–003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950–1
<b>Network</b>		<b>Weight</b>	520 g (1.1 lb)
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log	<b>Included accessories</b>	Installation guide, Windows decoder 1-user license, mounting and connector kits, power supply
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>System integration</b>		<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>	a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.openssl.org/">http://www.openssl.org/</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i>	
<b>Analytics</b>	AXIS Video Motion Detection 4, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>	