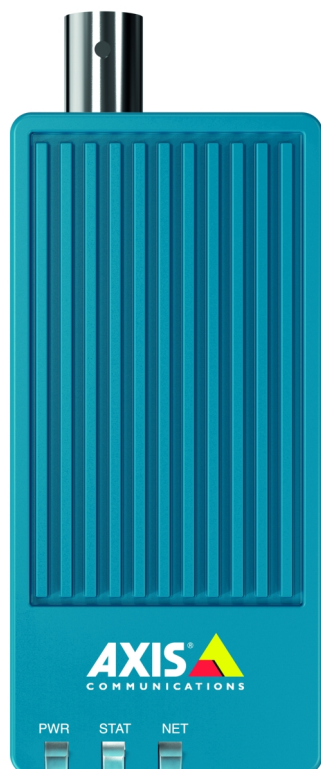


# AXIS M7011 Video Encoder

Big performance in a small design

The single-channel AXIS M7011 Video Encoder offers easy and cost effective integration of analog CCTV cameras into an IP-based video surveillance system. It provides excellent H.264 performance in a small package, without any limitation of the number of individually configured streams. Powered using PoE, the same Ethernet cable is used for both data and power. The video encoder also features a microSD card slot for edge storage. AXIS M7011 is a simple, yet powerful, compact video encoder offered at an attractive price.

- > [Highly compact design](#)
- > [Powerful video streaming capabilities](#)
- > [Edge storage with microSD cards and NAS](#)
- > [AVHS support](#)
- > [ACAP support](#)



# AXIS M7011 Video Encoder

Video		Casing	Material: PC+ABS CX7240 Color: Dark Blue 2T3D091 STD
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profile Motion JPEG	<b>Sustainability</b>	PVC free
<b>Resolution</b>	176x144/176x120 (PAL/NTSC) to 720x576/720x480 (PAL/NTSC)	<b>Memory</b>	256 MB RAM, 256 MB Flash Battery backed-up real-time clock
<b>Frame rate</b>	25/30fps (PAL/NTSC) in all resolutions	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth	<b>Connectors</b>	Analog composite video BNC input RJ45 10BaseT/100BaseTX PoE RS485/RS422
<b>Image settings</b>	Compression, color, brightness, contrast, rotation: 0°, 90°, 180°, 270°, aspect ratio correction, mirroring of images, text and image overlay, privacy mask, enhanced deinterlace filter, video termination, anti-aliasing, temporal noise filtering, sharpness, noise reduction, local enhancement	<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>
Network		<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
<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, centralized certificate management	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Approvals</b>	EMC EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A+B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 Safety IEC/EN/UL 60950-1 Network NIST SP500-267
System integration		<b>Dimensions</b>	90 x 29 x 38 mm (3.5 x 1.1 x 1.5 in)
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> 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 Camera Connection. ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>	<b>Weight</b>	71 g (0.16 lb)
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm <b>Supported</b> AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, Mounting Bracket
<b>Event triggers</b>	Analytics, video loss, edge storage events	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://axis.com/vms">axis.com/vms</a>
<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP External output activation Pre- and post-alarm video buffering PTZ preset Status LED	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Data streaming</b>	Event data	<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
General		<p>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://openssl.org">openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</p> <p>Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a></p>	