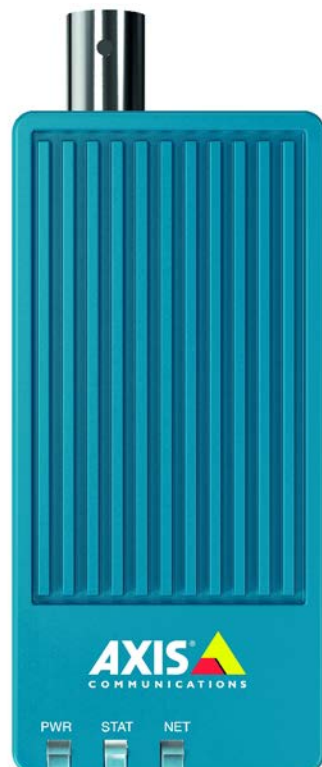# AXIS M7011 Video Encoder

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

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profile Motion JPEG
Resolutions	176x144/176x120 (PAL/NTSC) to 720x576/720x480 (PAL/NTSC)
Frame rate	H.264: 25/30fps (PAL/NTSC) in all resolutions Motion JPEG: 25/30fps (PAL/NTSC) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/MBR H.264
Image settings	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

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Camera Connection. ONVIF Profile S, specification at www.onvif.org
Analytics	Video motion detection, Active tampering alarm
Event triggers	Intelligent video, Video loss, Edge storage events
Event actions	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
Data streaming	Event data
Web browser	Camera live view Video recording to file (ASF) Windows XP, Windows Vista, Windows Server 2008, Windows 7, Windows 8, Windows Server 2012 DirectX 9c or higher For other operating systems and browsers see www.axis.com/techsup

General

Casing	Material: PC+ABS CX7240 Color: Dark Blue 2T3D091 STD
Memory	256 MB RAM, 256 MB Flash Battery backed-up real-time clock
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 1
Connectors	Analog composite video BNC input RJ45 10BaseT/100BaseTX PoE RS-485/422
Edge storage	microSD/microSDHC/microSDXC slot supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Approvals	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, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, CE, RoHS, WEEE, REACH
Dimensions	90 x 29 x 38 mm (3.5 x 1.1 x 1.5")
Weight	71 g (0.16 lb)
Included accessories	Installation Guide, 1 Windows decoder user license, Mounting Bracket
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software*
Warranty	Axis 1-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

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

More information is available at www.axis.com

AXIS
COMMUNICATIONS