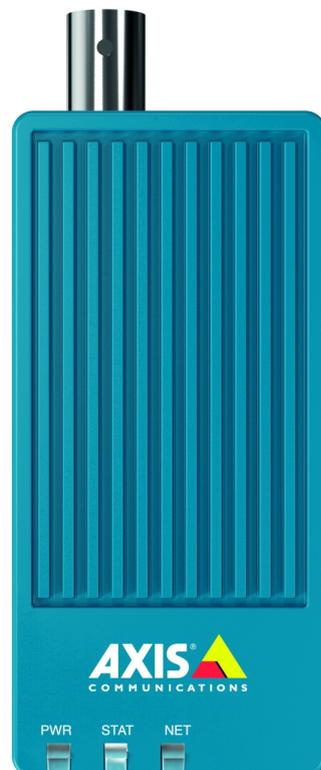


AXIS M7011 Video Encoder

Compact, 1-channel video encoder with Zipstream

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 comes with Zipstream with support for H.264 video compression, which drastically reduces bandwidth and storage requirements without compromising image quality. Powered with PoE, it needs just one Ethernet cable 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](#)
- > [Zipstream with support for H.264](#)
- > [Edge storage](#)
- > [Power over Ethernet \(PoE\)](#)
- > [RS-485/RS422 PTZ control](#)



AXIS M7011 Video Encoder

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|--|---|--|--|
| Video | | Sustainability | PVC free |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profile Motion JPEG | Memory | 256 MB RAM, 256 MB Flash Battery backed-up real-time clock |
| Resolution | 176x144/176x120 (PAL/NTSC) to 720x576/720x480 (PAL/NTSC) | Power | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 |
| Frame rate | 25/30fps (PAL/NTSC) in all resolutions | Connectors | Analog composite video BNC input RJ45 10BaseT/100BaseTX PoE RS485/RS422 |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth | Storage | 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 axis.com |
| 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 | Operating conditions | 0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing) |
| Network | | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ⁹ network access control, Digest authentication, User access log, centralized certificate management | Approvals | 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 |
| Supported protocols | IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH | Dimensions | 90 x 29 x 38 mm (3.5 x 1.1 x 1.5 in) |
| System integration | | Weight | 71 g (0.16 lb) |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at onvif.org | Included accessories | Installation guide, Windows [®] decoder 1-user license, mounting bracket |
| Analytics | Included AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms |
| Event triggers | Analytics, video loss, edge storage events | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| 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 | Warranty | 5-year warranty, see axis.com/warranty |
| Data streaming | Event data | <p>a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).</i></p> <p>Environmental responsibility: axis.com/environmental-responsibility</p> | |
| General | | | |
| Casing | Material: PC+ABS CX7240 Color: Dark Blue 2T3D091 STD | | |