

AXIS M7014 Video Encoder

Cost-effective video encoder with H.264



- > High quality video
- > Simultaneous H.264 and Motion JPEG streams
- > Edge storage
- > High resolution quad-view
- > Power over Ethernet

AXIS M7014 Video Encoder offers high-quality video, efficient and affordable integration of analog cameras into a powerful IP-based video surveillance system and is ideal for locations such as gas stations, convenience stores and small offices.

AXIS M7014 supports four analog cameras, converting analog video into H.264 and Motion JPEG streams. The support for H.264 offers a video compression format that drastically reduces bandwidth and storage requirements without compromising image quality.

AXIS M7014 offers one H.264 and one Motion JPEG stream per channel at 15 fps in all resolutions up to D1 (720x576 50 Hz or 720x480 60 Hz).

AXIS M7014 offers intelligent video capabilities such as video motion detection and active tampering alarm. The video encoder also includes a memory card slot for edge storage.

AXIS M7014 includes support for Power over Ethernet (IEEE 802.3af), which enables the encoder to receive power through the network cable. It also provide pan, tilt and zoom support, enabling control of analog PTZ cameras.

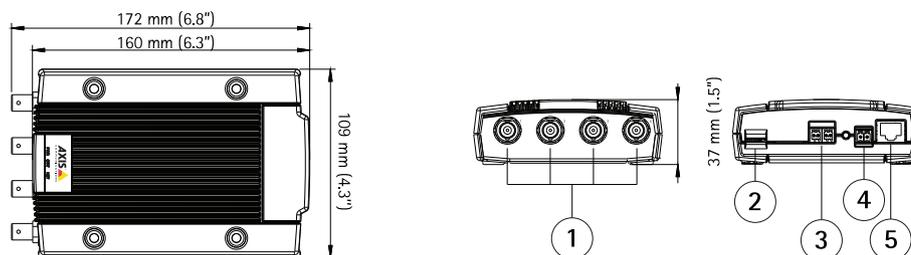


Technical Specifications - AXIS M7014 Video Encoder

Video		General	
Video compression	H.264 Baseline and Main Profiles (MPEG-4 Part 10/AVC) Motion JPEG	Casing	Standalone, metal casing, wall mount
Resolutions	720x576 to 176x120, 1536x1152 to 176x120 for quad view	Memory	512 MB RAM, 128 MB Flash
Frame rate	H.264: 15 fps in all resolutions Motion JPEG: 15 fps in all resolutions	Power	8–20 V DC, max. 7 W Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3
Video streaming	One individually configured H.264 and one Motion JPEG stream per channel at 15 fps More streams if identical or limited in frame rate/resolution Controllable frame rate and bandwidth VBR/CBR H.264	Connectors	1x DC input terminal block 4x analog composite video BNC inputs RJ45 10BASE-T/100BASE-TX PoE Terminal block for RS-485/RS-422 (full duplex)
Image settings	Compression, Color, Brightness, Contrast, Aspect ratio correction, Mirroring of images, Text and image overlay, Privacy mask, Enhanced deinterlace filter, Video termination, Anti-aliasing, Temporal noise filtering Rotation: 90°, 180°, 270°	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)
Pan/Tilt/Zoom	Wide range of analog PTZ cameras supported (drivers available for download at www.axis.com) Multiple camera presets supported, Guard tour, PTZ control queue Supports Windows compatible joysticks	Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20–80% RH (non-condensing)
Network		Approvals	EN 55022 Class B, EN 55024, IEC/EN/UL 60950-1, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24
IP address	One IP address for four channels	Weight	570 g (1.26 lb)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log	Included accessories	Power supply, Mounting and connector kits, Installation Guide, Installation and Management Software CD, Windows decoder user licenses
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , 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	Video management software	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/products/video/software
System integration		Warranty	Axis 1-year warranty, see www.axis.com/warranty
Application Programming Interface	Open API for software integration, including VAPIX [®] ; specifications at www.axis.com ONVIF Profile S; specification at www.onvif.org	a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).	
Intelligent video	Video motion detection, Active tampering alarm	More information is available at www.axis.com	
Event triggers	Intelligent video, Video loss, Edge storage events		
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP Video recording to edge storage Pre- and post-alarm video buffering PTZ preset		
Data streaming	Event data		
Built-in installation aids	Pixel counter		

Dimensions

1. Video inputs
2. Memory card slot
3. RS-485/RS-422 serial port
4. Power
5. Network connector



Accessories

1. AXIS T91A02 Din Rail Clip 86 mm
2. AXIS P7701 Video Decoder
3. AXIS P8221 Network I/O Audio Module
4. AXIS T8310 Video Surveillance Control Board

