

AXIS M7014 Video Encoder

Cost-effective video encoder with H.264

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

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



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Video		Built-in installation aids	Pixel counter
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG	General	
Resolution	720x576 to 176x120 1536x1152 to 176x120 for quad view	Casing	Standalone, metal casing, wall mount
Frame rate	15 fps in all resolutions 15 fps in quad view in full resolution	Sustainability	PVC free
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	Memory	512MB RAM, 128 MB Flash
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°	Power	8–20 V DC, max 7 W Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3
Pan/Tilt/Zoom	Wide range of analog PTZ cameras supported, drivers available for download at www.axis.com Up to 100 presets/camera Guard tour PTZ control queue Supports Windows compatible joysticks	Connectors	DC input terminal block 4x analog composite video BNC inputs, NTSC/PAL auto-sensing RJ45 10BASE-T/100BASE-TX PoE Terminal block for RS485/RS422, full duplex
Network		Storage	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
IP address	One IP address for four channels	Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20–80% RH (non-condensing)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log	Approvals	C-tick AS/NZS CISPR 32 Class B, EN 55032 Class B, EN 55024, 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, IEC/EN/UL 60950-1, KCC KN22 Class B, KN24, VCCI Class B
Supported protocols	IPv4/v6, 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, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Dimensions	160 x 109 x 37 mm (6.3 x 4.3 x 1.5 in)
System integration		Weight	570 g (1.26 lb)
Application Programming Interface	Open API for software integration, including VAPIX [®] , specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S, specification at www.onvif.org	Included accessories	Installation guide Windows decoder user license Mounting and connector kits Power supply
Analytics	Included AXIS Video Motion Detection, active tampering alarm	Optional accessories	For accessories, see www.axis.com
Event triggers	Analytics, video loss, edge storage events	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/vms
Event actions	Video recording to edge storage, pre- and post-alarm video buffering PTZ: PTZ preset File upload: FTP, HTTP, HTTPS, network share, email Notification: email, HTTP, HTTPS, TCP	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Data streaming	Event data	Warranty	Axis 3-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 (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility