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	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG
Resolution	720x576 to 176x120 1536x1152 to 176x120 for quad view
Frame rate	15 fps in all resolutions
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
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°
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
Network	
IP address	One IP address for four channels
Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, digest authentication, user access log
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, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
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*
Analytics	**Included** AXIS Video Motion Detection, active tampering alarm
Event triggers	Analytics, video loss, edge storage events
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
Data streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	Standalone, metal casing, wall mount
Sustainability	PVC free
Memory	512MB RAM, 128 MB Flash
Power	8–20 V DC, max 7 W Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3
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
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*
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20–80% RH (non-condensing)
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
Dimensions	160 x 109 x 37 mm (6.3 x 4.3 x 1.5 in)
Weight	570 g (1.26 lb)
Included accessories	Installation guide Windows decoder user license Mounting and connector kits Power supply
Optional accessories	For accessories, see *www.axis.com*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on *www.axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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