AXIS P7214 Video Encoder

Full-featured, cost-effective video encoders with H.264

AXIS P7214 Video Encoder offers powerful, full-featured and efficient integration of analog cameras into an IP-based video surveillance system. Ideal for locations such as gas stations, convenience stores and small offices, AXIS P7214 enables a cost-effective way to gain all the benefits of professional network video without discarding existing analog investments. The video encoders offer two-way audio and intelligent video capabilities such as video motion detection, active tampering alarm and audio detection.

> **High quality video**

> **Full frame rate**

> **Two-way audio and I/O**

> **Edge storage**

> **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	25/30 fps (PAL/NTSC) Up to 15 fps in quad view in full resolution
Video streaming	Multiple streams if identical or limited in frame rate/resolution Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Compression, color, brightness, contrast, text and image overlay, mirroring of images, privacy mask, aspect ratio correction, enhanced deinterlace filter, video termination, antialiasing, 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

Audio

Audio streaming	Two-way, full duplex and half duplex (2 mic/line inputs, 1 line output)
Audio compression	**In** AAC-LC 8 or 16 kHz 8–64 kbit/s G.711 µ-law PCM 8 kHz 64 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s **Out** G.711 µ-law PCM 8 kHz 64 kbit/s µ-law PCM 16 kHz 128 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s
Audio input/output	External microphone input or line input Line level output Audio streaming, record (AU) and play uploaded (WAV, AU) clips

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* ONVIF® Profile S, specification at *www.onvif.org*
Analytics	**Included** AXIS Video Motion Detection, active tampering alarm, audio detection
Event triggers	Analytics, external input, edge storage events, video loss
Event actions	Pre- and post-alarm video buffering, video and audio recording to edge storage, play audio clip, external output activation

File upload: FTP, HTTP, HTTPS, network share, email
Notification: email, HTTP, HTTPS, TCP
PTZ: PTZ preset

Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	Standalone, metal casing, wall mount
Sustainability	PVC free
Memory	512 MB RAM, 128 MB Flash
Power	8–20 V DC, max. 8 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 four configurable external inputs/outputs Terminal block for RS485/RS422, full duplex 2x 3.5 mm mic/line in (mono) 3.5 mm line out (mono)
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	**EMC** EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1,EN 61000-6-2 C-tick AS/NZS CISPR 22 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, KCC KN22 Class B, KN24 **Safety** IEC/EN/UL 60950-1
Dimensions	160 x 109 x 37 mm (6.3 x 4.3 x 1.5 in)
Weight	570 g (1.26 lb)
Included accessories	Mounting and connector kit Power supply, installation guide, Windows decoder license
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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