

AXIS M7104 Video Encoder

Cost-effective, 4-channel video encoder with Zipstream

AXIS M7104 is a cost-effective, 4-channel video encoder that adds the benefits of IP surveillance to an analog camera system. It supports standard-resolution analog cameras as well as PTZ control over RS-485/422. The encoder features a memory card slot for edge storage and support for intelligent analytics such as motion detection and active tampering alarm. Enhanced security features such as signed firmware and secure boot ensure the integrity and authenticity of the encoder's firmware. Plus, Zipstream with support for H.264/H.265 video compression significantly reduces bandwidth and storage requirements.

- > Full frame rate in all resolutions
- > Zipstream with support for H.264/H.265
- > Signed firmware and secure boot
- > Extended capacity for analytics
- > PoE and PTZ support







AUDIOVIDEOSUPPLY NM2.2/1907

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Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles M265 (MPEG-H Part 2/HEVC) Main Profile Mation JPEG Resolution 176x144/176x120 (PAL/NTSC) to 720x576/720x480 (PAL/NTSC) Frame rate 25/30 fps in all resolutions Up to 30 fps in quad view in full resolution Video streaming Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/MBR H.264/H.265 Quad view 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, sharpness, noise reduction, local enhancement Network P 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, centralized certificate management Supported protocols IPv4, IPv6 USGv6, HTTP, HTTP5 ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP [*] , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH System integration Open API for software integration, including VAPIX® and AXIS Guardian with One-Click Connection ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T, specification at <i>anvit.org</i> Analytics Included AXIS Camera Application Platform enabling	Video		
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General	Data streaming	Event data	
	General		

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Cybersecurity	Signed firmware, secure boot IP30-rated, stand alone, metal casing, wall mount
Casing	PVC free
Sustainability	
Memory	1024 MB RAM, 512 MB Flash Battery backed-up real-time clock
Power	8–28 V DC, max 4.7 W Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3
Connectors	Four analog composite video BNC input RJ45 10BASE-T/100BASE-T/1000 BASE-T PoE RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block
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 <i>axis.com</i>
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non condensing)
Approvals	EMC EN 55032 Class A, 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, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN 62368-1 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 Network NIST SP500-267
Dimensions	187 x 37 mm (7.4 x 1.5 in)
Weight	650 g (1.4 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, DC input plug, 2 pcs 2-pin RS485/RS422 plugs
Optional accessories	For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty, see axis.com/warranty
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OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility

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