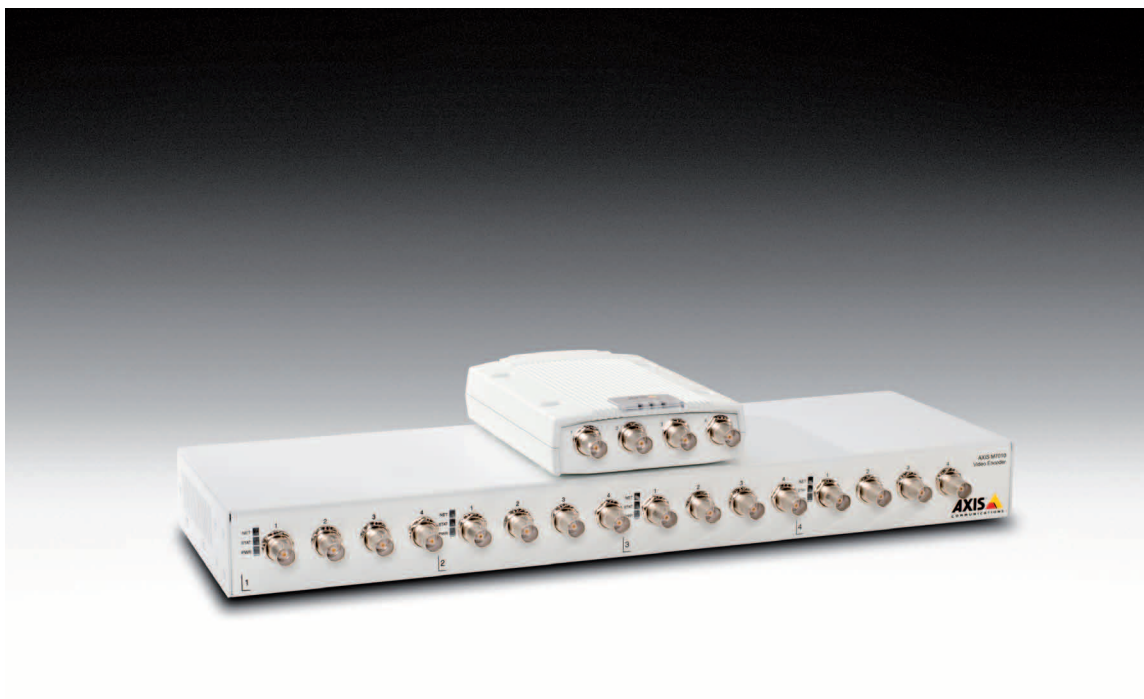


## AXIS M70 Video Encoder Series

Cost-effective video encoders with H.264.



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

AXIS M70 Video Encoder Series 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 M70 Series comprises two models, ranging from four to 16 channels, providing 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 M7010 and AXIS M7014 offer one H.264 and one Motion JPEG stream per channel at 15 fps in all resolutions up to D1 (720x480 NTSC or 720x576 PAL).

AXIS M70 Series offers intelligent video capabilities such as video motion detection and active tampering alarm. The video encoders also include microSDHC memory card slots for edge storage.

AXIS M70 Series includes support for Power over Ethernet (IEEE 802.3af), which enables the encoders to receive power through the network cable. All Axis video encoder products provide pan, tilt and zoom support, enabling control of analog PTZ cameras.



## Technical specifications – AXIS M70 Video Encoder Series

Video encoder	
<b>Models</b>	<b>AXIS M7014:</b> 4-channel video encoders <b>AXIS M7010:</b> 16-channel video encoders
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profile Motion JPEG
<b>Resolutions</b>	176x120 to 720x576, 176x120 to 1536x1152 for quad view
<b>Frame rate H.264</b>	15 fps in all resolutions
<b>Frame rate Motion JPEG</b>	15 fps in all resolutions
<b>Video streaming</b>	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
<b>Image settings</b>	Compression, color, brightness, contrast Rotation: 90°, 180°, 270° Aspect ratio correction, mirroring of images, text and image overlay, privacy mask, enhanced deinterlace filter, video termination, antialiasing, temporal noise filtering
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X* network access control, digest authentication, user access log
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS*, IEEE 802.1X* QoS layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS
System integration	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® from Axis Communications, available at <a href="http://www.axis.com">www.axis.com</a> ONVIF, specification available at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Intelligent video</b>	Video motion detection, active tampering alarm
<b>Alarm triggers</b>	Intelligent video, video loss
<b>Alarm actions</b>	File upload via FTP, HTTP and email, Notification via email, HTTP and TCP, PTZ preset
<b>Pan/Tilt/Zoom</b>	Wide range of analog PTZ cameras supported (drivers available for download at <a href="http://www.axis.com">www.axis.com</a> ) <b>AXIS M7014:</b> Support for one PTZ driver <b>AXIS M7010:</b> Support for one PTZ driver in each group of 4 channels 100 presets/camera, guard tour, PTZ control queue Supports Windows compatible joysticks

\* This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org))

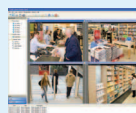
More information is available at [www.axis.com](http://www.axis.com)

General	
<b>Casing</b>	<b>AXIS M7014, AXIS M7010:</b> Standalone, metal casing <b>AXIS M7014:</b> Wallmount <b>AXIS M7010:</b> Rackmount or wallmount
<b>Processor and memory</b>	<b>AXIS M7014:</b> ARTPEC-4, 512 MB RAM, 128 MB Flash <b>AXIS M7010:</b> Same as above x 4
<b>Power</b>	<b>AXIS M7014:</b> 8-20 V DC, max 7W; Power over Ethernet IEEE 802.3af Class 3 <b>AXIS M7010:</b> 8-20 V DC, max 28W; 4 x Power over Ethernet IEEE 802.3af Class 3
<b>Connectors</b>	<b>AXIS M7014, M7010:</b> 1 x DC input terminal block <b>AXIS M7014:</b> 4 x analog composite video BNC inputs RJ-45 10BASE-T/100BASE-TX PoE Terminal block for RS-485/422 (full duplex) <b>AXIS M7010:</b> Same as above x 4
<b>Edge storage</b>	<b>AXIS M7014:</b> 1 x microSDHC <b>AXIS M7010:</b> 4 x microSDHC
<b>Operating conditions</b>	0 – 50 °C (32 – 122 °F) Humidity 20 – 80% RH (non-condensing)
<b>Approvals</b>	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN61000-6-1, EN61000-6-2, EN 60950-1, C-tick AS/NZS CISPR 22, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, KCC Class B, UL/IEC/EN 60950-1
<b>Weight</b>	<b>AXIS M7014:</b> 570 g (1.26 lb.) <b>AXIS M7010:</b> 2540 g (5.6 lb.)
<b>Included accessories</b>	Power supply, mounting and connector kits, Installation Guide, CD with installation and management tools, software and User's Manual, Windows decoder user licenses

### Optional accessories

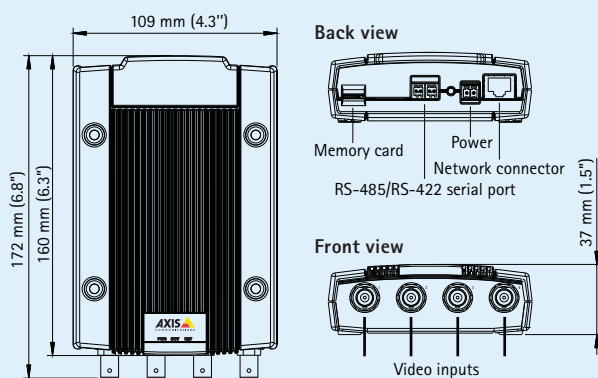
AXIS T8310 Video Surveillance Control Board

AXIS T91A02 Din Rail Clip 86mm (AXIS M7014 only)



For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see [www.axis.com/products/video/software/](http://www.axis.com/products/video/software/)

### Dimensions: AXIS M7014 Video Encoder



### Dimensions: AXIS M7010 Video Encoder

