

## AXIS M5013/M5014 PTZ Dome Network Cameras

Mini PTZ domes that give the big picture.



- > Pan, tilt, zoom in an ultra-discreet design
- > HDTV 720p/SVGA and H.264
- > IP51-rated protection against dust and dripping water
- > Power over Ethernet (IEEE 802.3af)
- > Built-in microphone and audio detection

AXIS M5013 and AXIS M5014 PTZ Dome Network Cameras are a palm-sized, pan/tilt/zoom cameras that are affordably priced for remote and discreet monitoring of indoor areas such as stores, banks, hotels, office lobbies, restaurants and warehouses.

The ultra-discreet AXIS M5013/M5014 measure only 13 cm (5.1 in) wide and 5.6 cm (2.2 in) high. The ceiling-mount AXIS M5013/M5014 enable flexible coverage over a 400 sq. m. (4300 sq. ft.) area, with a  $\pm 180^\circ$  pan,  $90^\circ$  tilt and 3x digital zoom.

AXIS M5013 provides full frame rate video in SVGA 800x600 resolution. AXIS M5014 provides HDTV 720p which entails a 1280x720 resolution, progressive scan, HDTV color fidelity, full frame rate and a 16:9 format. They support multiple H.264 which optimizes bandwidth and storage use without compromising image quality.

With an IP51 rating, the cameras are dustproof and protected from dripping water, enabling video to be taken even when a sprinkler system is activated. AXIS M5013/ M5014 are designed for quick and easy installation. The cameras are powered with Power over Ethernet (PoE) which eliminates the need for power cables and reduces installation costs.

Supporting a built-in microphone the users can listen and record the audio remotely. Audio detection allows unusual sounds or noise detected during off-hours to trigger alarm events.



# Technical Specifications – AXIS M5013/M5014 PTZ Dome Network Cameras

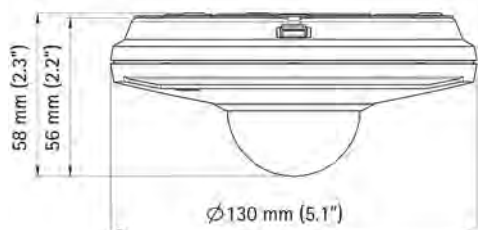
Camera	
<b>Image sensor</b>	1/4" progressive scan RGB CMOS
<b>Lens</b>	3.6 mm, F1.8 AXIS M5013: 45° horizontal angle of view AXIS M5014: 60° horizontal angle of view
<b>Minimum illumination</b>	1.4 lux, F1.8
<b>Shutter time</b>	1/25000 s to 1/6 s
<b>Pan/Tilt/Zoom</b>	25 preset positions; Pan: ±180°, 100°/s; Tilt: 90°, 100°/s Zoom: 3x digital zoom
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
<b>Resolutions</b>	AXIS M5013: SVGA 800x600 to 320x180 AXIS M5014: HDTV 720p 1280x720 to 320x180
<b>Frame rate</b>	H.264: 30 fps in all resolutions Motion JPEG: 30 fps in all resolutions
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/CBR H.264
<b>Image settings</b>	Manual shutter time, Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Rotation, Backlight compensation, Fine tuning of behavior at low light, Text overlay
Audio	
<b>Audio streaming</b>	One-way
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
<b>Audio input</b>	Built-in microphone
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, 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 <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a> AXIS Video Hosting System (AVHS) with One-Click Camera Connection.
<b>Intelligent video</b>	Video motion detection, Audio detection, AXIS Camera Application Platform enabling installation of additional applications
<b>Event triggers</b>	Video motion detection, Audio detection, AXIS Camera Application Platform, PTZ preset, Memory card full
<b>Event actions</b>	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP Go to PTZ preset; Video recording to edge storage Pre- and post-alarm video buffering
<b>Built-in installation aids</b>	Pixel counter
General	
<b>Casing</b>	IP51-rated plastic casing, clear dome
<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Power</b>	Power over Ethernet 802.3af/802.3at Type 1 Class 3
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE
<b>Edge storage</b>	MicroSD/microSDHC/microSDXC slot supporting memory card up to 64 GB (card not included) Support for recording to network share (network-attached storage or file server)
<b>Operating conditions</b>	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–85% RH (non-condensing)
<b>Approvals</b>	EN 55022 Class A, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class A, VCCI Class B, C-tick AS/NZS CISPR 22, KCC KN22 Class A, KN24, EN 60950-1, IEC/EN 60529 IP51
<b>Weight</b>	330 g (0.7 lb)
<b>Included accessories</b>	Drill template, Mounting brackets for soft and hard ceilings, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license
<b>Video management software</b>	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see <a href="http://www.axis.com/products/video/software">www.axis.com/products/video/software</a>
<b>Warranty</b>	Axis 1-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

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

## Dimensions



## Optional accessories

1. AXIS T91A stands
2. AXIS T8120 Midspan
3. AXIS T90A White LED Illuminators
4. AXIS P8221

