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") wide and 5.6 cm (2.2") high. The ceiling-mount AXIS M5013/M5014 enable flexible coverage over a 400 sq. m. (4300 sq. ft.) area, with a ±180° pan, 90° tilt and 3x digital zoom. The cameras help users remotely manage one or more business locations for improved profitability and on-site security.

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 and Motion JPEG video streams. H.264 greatly 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) using a PoE switch or midspan, which eliminates the need for power cables and reduces installation costs.

The built-in microphone enables users to listen in remotely and audio to be recorded. Audio detection allows unusual sounds or noise detected during off-hours to trigger alarm events. The memory card slot enables several days of recording on a microSD/microSDHC/microSDXC card.
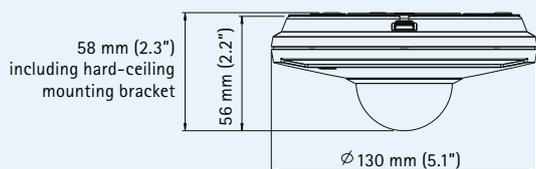

HDTV NETWORK VIDEO

ONVIF

50849/EN/R1/1303

Technical Specifications – AXIS M5013/M5014 PTZ Dome Network Cameras

Camera

Image sensor	1/4" progressive scan RGB CMOS
Lens	3.6 mm, F1.8 **AXIS M5013:** 45° horizontal angle of view **AXIS M5014:** 60° horizontal angle of view
Minimum illumination	1.4 lux, F1.8
Shutter time	1/25000 s to 1/6 s
Pan/Tilt/Zoom	25 preset positions Pan: ±180˚, 100°/s Tilt: 90˚, 100°/s Zoom: 3x digital

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	**AXIS M5013:** SVGA 800x600 to 320x180 **AXIS M5014:** HDTV 720p 1280x720 to 320x180
Frame rate H.264	30 fps in all resolutions
Frame rate Motion JPEG	30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	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

Audio streaming	One-way
Audio compression	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Audio input	Built-in microphone

Network

Security	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, 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

*This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications, available at www.axis.com ONVIF Profile S, specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, audio detection AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Video motion detection, audio detection, AXIS Camera Application Platform, PTZ preset, memory card full
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP Go to PTZ preset Video and audio recording to edge storage Pre- and post-alarm video buffering
Built-in installation aids	Pixel counter

General

Casing	IP51-rated plastic casing, clear dome
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af Class 3
Connectors	RJ45 10BASE-T/100BASE-TX PoE
Edge storage	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)
Operating conditions	Humidity 10 - 85% RH (non-condensing) 0 ℃ to 45 ℃ (32 ℉ to 113 ℉)
Approvals	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, KC Class A, EN 60950-1 IEC 60529 IP51
Weight	330 g (0.7 lb.)
Included accessories	Drill template, mounting brackets for soft and hard ceilings, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license

More information is available at www.axis.com

Dimensions

58 mm (2.3") including hard-ceiling mounting bracket

56 mm (2.2")

⌀ 130 mm (5.1")

Optional accessories

AXIS T91A white stands for wall mounting

AXIS T8120 Midspan 15 W 1-port

AXIS T90A White LED Illuminators

AXIS P8221 Network I/O Audio Module

AXIS Camera Companion, AXIS Camera Station and video management software from Axis' Application Development Partners. For more information, see www.axis.com/products/video/software/

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