AXIS M5065 PTZ Network Camera
Mini HDTV PTZ with wireless I/O

AXIS M5065 PTZ Network Camera is an ultra-discreet, palm-sized, pan-tilt-zoom camera for remote indoor monitoring. With its support for wireless input/output connectivity, the camera can communicate wirelessly with connected Z-Wave Plus® devices, creating a small security solution with less cabling. AXIS M5065 is a ceiling-mount camera that provides coverage over a 500 m² (4300 sq. ft) area with ±180° pan, 90° tilt, and 5x optical zoom. The IP51 rating ensures protection against dust and dripping water, enabling camera operation even when a sprinkler system is activated.

> **HDTV 1080p and 5x optical zoom**

> **Z-wave Plus® compatibility**

> **IP51-rated**

> **Power over Ethernet (IEEE 802.3af)**

> **Built-in analytics**

AXIS M5065 PTZ Network Camera

Models	**AXIS M5065 EUR** **AXIS M5065 JP** **AXIS M5065 US**

Camera

Image sensor	1/4.85" progressive scan RGB CMOS
Lens	Varifocal. 2.2–11.0 mm, F1.4–F2.5 Horizontal field of view: 14°–71° Vertical field of view: 8°–40° Autofocus
Minimum illumination	**Color:** 1.2 lux at 30 IRE F1.4
Shutter speed	1/16000 s to 1 s
Pan/Tilt/Zoom	Pan: ±179°, 100°/s Tilt: 90°, 100°/s Zoom: 5x optical, 10x digital 25 preset positions, control queue, on-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles Motion JPEG
Resolution	1920x1080 to 320x180 (16:9)
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Resolution, compression, rotation: 0°, 180°, text and image overlay, color, brightness, sharpness, white balance, wide dynamic range, exposure control, exposure time, gain, exposure zones, exposure priority, image freeze on PTZ, privacy masks

Audio

Audio streaming	One-way
Audio encoding	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[a] encryption, IEEE 802.1X[a] network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, Z-Wave Plus® HC4 and HC8[b]

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF® Profile S and ONVIF® Profile G, specification at *onvif.org*
Analytics	**Included** AXIS Video Motion Detection, audio volume detection, scream detection, removed object detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Applications Detectors: live stream accessed Hardware: network Input signal: manual trigger, virtual inputs, Z-Wave PTZ: moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
Event actions	Record video: SD card, network share

	Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share, email PTZ control: preset position Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text Z-Wave Status LED
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP51-rated plastic casing, clear dome
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 8.0 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE
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 *www.axis.com*
Operating conditions	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–90% RH (non-condensing)
Storage conditions	–30 °C to 60 °C (-22 °F to 140 °F)
Approvals	**AXIS M5065 EUR** EN 55032 Class A, EN 55024, EN 301489-1, EN 301489-3, EN 61000-6-1, EN 61000-6-2, EN 300220-1, EN 300220-2, EN 62368-1, EN 62479, IEC/EN 60529 IP51 **AXIS M5065 JP** EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, VCCI Class A, RCM AS/NZS CISPR 32 Class A, TELEC, IEC/EN/UL 62368-1, IEC/EN 60529 IP51 **AXIS M5065 US** EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, RCM AS/NZS CISPR 32 Class A, IEC/EN/UL 62368-1, IEC/EN 60529 IP51
Dimensions	Ø130 x 63 mm (Ø5.1 x 2.5 in)
Weight	375 g (0.8 lb)
Included accessories	AXIS M50 Mounting Kit, Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS M50 Clear Dome Cover A AXIS T8341 PIR Motion Sensor AXIS T8342 Door/Window Sensor AXIS T8343 Alert Button AXIS T8344 Power On/Off Plug For more accessories, see *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	5-year warranty, see *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).*
b. *Device types in home control group 4: notification sensors. Device types in home control group 8: on/off power switches, power strips, irrigation controls. For more information on the supported command classes, see the product's User Manual.*

Environmental responsibility:

axis.com/environmental-responsibility

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