

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 $\pm 180^\circ$ 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**



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Models	AXIS M5065 Z-Wave JP AXIS M5065 Z-Wave US	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
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 time	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 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 ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management	
Supported protocols	IPv4/IPv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^b , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, 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 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	
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	EMC: AXIS M5065 Z-Wave 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 EMC: AXIS M5065 Z-Wave 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 Safety IEC/EN/UL 62368-1 Environment 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	Axis 3-year warranty and AXIS Extended Warranty option, see www.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 (ey@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:

www.axis.com/environmental-responsibility