

AXIS M5055 PTZ Network Camera

Mini PTZ with HDTV 1080p resolution

AXIS M5055 PTZ Network Camera is an ultra-discreet, palm-sized, pan-tilt-zoom camera for remote indoor monitoring. It provides full frame rate video in HDTV 1080p resolution, and supports multiple H.264 and Motion JPEG video streams. AXIS M5055 is a ceiling-mount camera that provides flexible 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 the camera to operate even when a sprinkler system is activated.

- > **HDTV 1080p**
- > **5x optical zoom and autofocus**
- > **IP51-rated**
- > **Power over Ethernet (IEEE 802.3af)**
- > **Built-in analytics**



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Camera		Storage: disruption, recording System: system ready Time: recurrence, use schedule	
Image sensor	1/4.85" progressive scan RGB CMOS	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 Status LED	
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		Data streaming Event data	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles Motion JPEG	Built-in installation aids Pixel counter	
Resolution	1920x1080 to 320x180 (16:9)	General	
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	Casing IP51-rated plastic casing, clear dome	
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	Sustainability PVC free	
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	Memory 512 MB RAM, 256 MB Flash	
Audio		Power Power over Ethernet 802.3af/802.3at Type 1 Class 3 Typical 4.6 W, max 7.8 W	
Audio streaming	One-way	Connectors RJ45 10BASE-T/100BASE-TX PoE	
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	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	
Audio input	Built-in microphone	Operating conditions 0 °C to 45 °C (32 °F to 113 °F) Humidity 10–90% RH (non-condensing)	
Network		Storage conditions -30 °C to 60 °C (-22 °F to 140 °F)	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management	Approvals EMC 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, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN-35 Safety IEC/EN/UL 62368-1 Environment IEC/EN 60529 IP51	
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^a , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Dimensions Ø130 x 63 mm (Ø5.1 x 2.5 in)	
System integration		Weight 375 g (0.8 lb)	
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	Included accessories Installation Guide, Windows decoder 1-user license	
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	Optional accessories AXIS M50 Clear Dome Cover A AXIS M50 Mounting Kit For more accessories, see www.axis.com	
Event triggers	Applications Detectors: live stream accessed Hardware: network Input signal: manual trigger, virtual inputs PTZ: moving, preset reached, ready	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).

Environmental responsibility:

www.axis.com/environmental-responsibility