

AXIS M5075-G PTZ Camera

Palm-sized PTZ camera with 5x optical zoom and wireless I/O

AXIS M5075-G is a discreet, palm-sized PTZ camera designed to fit in anywhere. It delivers sharp, detailed video in HDTV 1080p/2 MP resolution. PTZ functionality with 5x optical zoom and 12x digital zoom allows you to benefit from sweeping overviews and zoom in to get the details. This plug & play solution offers wireless I/O connectivity with up to 32 Z-Wave[®] devices (six in VMS) in a system setup, for instance using on/off commands. Featuring a built-in microphone, it also includes analytics such as scream detection to alert you whenever a scream is detected in the camera's proximity.

- > [PTZ with 5x optical zoom, 12x digital zoom](#)
- > [Autofocus and WDR](#)
- > [Built-in analytics](#)
- > [Zipstream with H.264/H.265](#)
- > [Z-Wave for smart home devices](#)



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Variants	AXIS M5075-G EUR AXIS M5075-G JP AXIS M5075-G US	MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Camera		
Image sensor	1/2.8" 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: 0.1 lux at 30 IRE F1.4	
Shutter speed	1/17000 s to 2 s	
Pan/Tilt/Zoom	Pan: ±179°, 100°/s Tilt: 90°, 100°/s Zoom: 5x optical, 12x digital 256 preset positions, control queue, on-screen directional indicator, set new pan 0°, autofocus area, focus recall	
System on chip (SoC)		
Model	ARTPEC-7	
Memory	1024 MB RAM, 512 MB Flash	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
Resolution	1920x1080 to 320x180 (16:9)	
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264 Video streaming indicator	
Image settings	Saturation, contrast, brightness, sharpness, WDR, white balance, day/night threshold, local contrast, tone mapping, exposure mode, exposure zones, compression, rotation: 0°, 180°, barrel distortion correction, text and image overlay, polygon privacy masks	
Audio		
Audio streaming	One-way	
Audio encoding	24 bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	
Audio input	Built-in microphone	
Network		
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTCP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf) Z-Wave Plus® v2	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at onvif.org	
Onscreen controls	Day/night shift Video streaming indicator Focus recall zone Privacy masks	
Event conditions	Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, I/O Z-Wave, manual trigger, virtual input	
Event actions	Day-night mode I/O MQTT publish Overlay text Preset positions Recordings Status LED WDR mode Z-Wave Notification: email, HTTP, HTTPS, TCP and SNMP trap Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email	
Data streaming	Event data	
Built-in installation aids	Leveling assistant, pixel counter	
Analytics		
Applications	Included AXIS Video Motion Detection, audio detection, active tampering alarm, gatekeeper, AXIS Scream Detection, AXIS Removed Object Detection Support for additional applications if the device is used with compatible accessories. For more information, contact your Axis partner. Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
Cybersecurity		
Edge security	Software: Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection	
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	
Documentation	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity	
General		
Casing	IP51-rated plastic casing, clear dome Color: white NCS S 1002-B For information about the impact on warranty when repainting the product, go to axis.com/warranty-implication-when-repainting .	
Sustainability	PVC free	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.4 W, max 9.5 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE	
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see 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) Humidity 5–95% RH (non-condensing)	
Approvals	EMC EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A Safety CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1	

	Environment IEC/EN 60529 IP51		
	Radio EUR: EN 300220-1, EN 300220-2, EN 301489-1, EN 301489-3, EN 62479, TEC US: FCC Part 15 Subpart C, ISED JP: Radio Law		
	Network NIST SP500-267		
Dimensions	Ø130 x 63 mm (Ø5.1 x 2.5 in)	Optional accessories	AXIS M50 Clear Dome Cover A For more accessories, see axis.com
Weight	380 g (0.84 lb)	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Included accessories	AXIS M50 Mounting Kit, Installation Guide, Windows decoder 1-user license	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
		Warranty	5-year warranty, see axis.com/warranty