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

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

	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
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, AXIS Image Health Analytics, 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*
AXIS Image Health Analytics	Detection settings: Tampering: blocked image, redirected image Image degradation: blurred image, underexposed image **Other features:** sensitivity, validation period

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	*AXIS OS Hardening Guide* *Axis Vulnerability Management Policy* *Axis Security Development Model* 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)

Weight	380 g (0.84 lb)
Included accessories	AXIS M50 Mounting Kit, Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS M50 Clear Dome Cover A For more accessories, see *axis.com*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at *axis.com/vms*
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*