

AXIS M5074 PTZ Camera

Palm-sized PTZ camera with 5x optical zoom

AXIS M5074 is a discreet, palm-sized PTZ camera designed to fit in anywhere. It delivers sharp, detailed video in HDTV 720p/1MP resolution. Thanks to PTZ functionality with 5x optical zoom and 12x digital zoom you can benefit from sweeping overviews and zoom in to get the details. Featuring a built-in microphone, this plug & play solution also includes analytics such as scream detection to alert you whenever a scream is detected in the camera's proximity. Furthermore, built-in cybersecurity features help prevent unauthorized access and safeguard your system.

- > [PTZ with 5x optical zoom, 12x digital zoom](#)
- > [Autofocus and WDR](#)
- > [Built-in analytics](#)
- > [Zipstream with H.264/H.265](#)
- > [Built-in cybersecurity features](#)



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Camera		
Image sensor	1/2.8" progressive scan RGB CMOS	Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Lens	Varifocal. 2.2–11.0 mm, F1.4–F2.5 Horizontal field of view: 14°–71° Vertical field of view: 8°–40° Autofocus	Event actions Day-night mode MQTT publish Overlay text Preset positions Recordings Status LED WDR mode Notification: email, HTTP, HTTPS, TCP and SNMP trap Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email
Minimum illumination	Color: 0.1 lux at 30 IRE F1.4	Data streaming Event data
Shutter speed	1/17000 s to 2 s	Built-in installation aids Leveling assistant, pixel counter
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	Analytics
System on chip (SoC)		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
Model	ARTPEC-7	AXIS Image Health Analytics Detection settings: Tampering: blocked image, redirected image Image degradation: blurred image, underexposed image Other features: sensitivity, validation period
Memory	1024 MB RAM, 512 MB Flash	Cybersecurity
Video		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
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	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
Resolution	1280x720 to 320x180 (16:9)	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
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions	General
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	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 .
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	Sustainability PVC free
Audio		Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.2 W, max 9.3 W
Audio streaming	One-way	Connectors RJ45 10BASE-T/100BASE-TX PoE
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	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
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) Humidity 5–95% RH (non-condensing)
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)	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), KS C 9832 Class A, KS C 9835, RCM AS/NZS CISPR 32 Class A, VCCI Class A
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: manual trigger, virtual input MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready	

Safety CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IS 13252	Optional accessories	AXIS M50 Clear Dome Cover A For more accessories, see axis.com
Environment IEC/EN 60529 IP51	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Network NIST SP500-267	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Dimensions	Weight	
Ø130 x 63 mm (Ø5.1 x 2.5 in)	380 g (0.84 lb)	
Included accessories	Warranty	5-year warranty, see axis.com/warranty
AXIS M50 Mounting Kit, Installation Guide, Windows decoder		
1-user license		