

# 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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<b>Camera</b>		
<b>Image sensor</b>	1/2.8" progressive scan RGB CMOS	removed, network lost, new IP address, storage failure, system ready, within operating temperature
<b>Lens</b>	Varifocal. 2.2–11.0 mm, F1.4–F2.5 Horizontal field of view: 14°–71° Vertical field of view: 8°–40° Autofocus	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
<b>Minimum illumination</b>	Color: 0.1 lux at 30 IRE F1.4	Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
<b>Shutter speed</b>	1/17000 s to 2 s	
<b>Pan/Tilt/Zoom</b>	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	
<b>System on chip (SoC)</b>		
<b>Model</b>	ARTPEC-7	
<b>Memory</b>	1024 MB RAM, 512 MB Flash	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
<b>Resolution</b>	1280x720 to 320x180 (16:9)	
<b>Frame rate</b>	Up to 50/60 fps (50/60 Hz) in all resolutions	
<b>Video streaming</b>	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	
<b>Image settings</b>	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	
<b>Signal-to-noise ratio</b>	>55 dB	
<b>Audio</b>		
<b>Audio streaming</b>	One-way	
<b>Audio encoding</b>	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	
<b>Audio input</b>	Built-in microphone	
<b>Network</b>		
<b>Network protocols</b>	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, 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)	
<b>System integration</b>		
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="https://axis.com/developer-community">axis.com/developer-community</a> . One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at <a href="https://onvif.org">onvif.org</a>	
<b>Video management systems</b>	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at <a href="https://axis.com/vms">axis.com/vms</a> .	
<b>Onscreen controls</b>	Day/night shift Video streaming indicator Focus recall zone Privacy masks	
<b>Event conditions</b>	Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address	
<b>Event actions</b>	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	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Leveling assistant, pixel counter	
<b>Analytics</b>		
<b>Applications</b>	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 <a href="https://axis.com/acap">axis.com/acap</a>	
<b>Cybersecurity</b>		
<b>Edge security</b>	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	
<b>Network security</b>	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	
<b>Documentation</b>	<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 <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a>	
<b>General</b>		
<b>Casing</b>	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 <a href="https://axis.com/warranty-implication-when-repainting">axis.com/warranty-implication-when-repainting</a> .	
<b>Sustainability</b>	PVC free	
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.2 W, max 9.3 W	
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE	
<b>Storage</b>	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 <a href="https://axis.com">axis.com</a>	
<b>Operating conditions</b>	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–90% RH (non-condensing)	
<b>Storage conditions</b>	-30 °C to 60 °C (-22 °F to 140 °F) Humidity 5–95% RH (non-condensing)	

<b>Approvals</b>	<b>EMC</b> 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
	<b>Safety</b> CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IS 13252
<b>Dimensions</b>	<b>Environment</b> IEC/EN 60529 IP51
	<b>Network</b> NIST SP500-267
<b>Weight</b>	380 g (0.84 lb)
<b>Included accessories</b>	AXIS M50 Mounting Kit, Installation Guide, Windows decoder 1-user license
<b>Optional accessories</b>	AXIS M50 Clear Dome Cover A For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>