

AXIS M5526-E PTZ Camera

Indoor and outdoor 4 MP with 10x zoom and focus recall

This affordably priced camera delivers great image quality in 4 MP with 10x optical zoom. It offers continuous 360° pan and autofocus ensures detailed, sharp images – every time. Compatible with all Axis PTZ mounts, it can be mounted both in- and outdoors. Built on ARTPEC-8, it includes a deep learning processing unit (DLPU) enabling improved processing and storage capabilities. And AXIS Object Analytics can detect and classify humans, vehicles, and types of vehicles. Furthermore, Axis Edge Vault safeguards your device and protects sensitive information from unauthorized access.

- > 4 MP and 10x optical zoom
- > Continuous 360° pan
- > Support for analytics with deep learning
- > Compact design
- > PoE or 24 V with audio and I/O connectivity





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Camera		Network				
Image sensor	1/3" progressive scan RGB CMOS	Network	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS°, HTTP/2, TLS°,			
Lens	Pixel size 1.998 µm 4.7-47 mm, F1.6-3.0	protocols	QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, UPnP*, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP,			
Lens	Horizontal field of view: 59.1°–6.5° Vertical field of view: 35°–3.67°		SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424			
	Autofocus, auto-iris, P-Iris control		UDP/TCP/TLS), Link-Local address (ZeroConf), IEEE 802.1X (EAP-TLS), IEEE 802.1AR			
Day and night	Automatic IR-cut filter	System integra	System integration			
Minimum illumination	Color: 0.20 lux at 30 IRE, F1.6 B/W: 0.01 lux at 30 IRE, F1.6 Color: 0.25 lux at 50 IRE, F1.6 B/W: 0.01 lux at 50 IRE, F1.6	Application Programming Interface	Open API for software integration, including VAPIX®, metadata and AXIS Camera Application Platform (ACAP); specifications a axis.com/developer-community. ACAP includes Native SDK. One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at onvif.org			
Shutter speed	1/17000 s to 0.2 s @ 25/30 fps 1/27000 s to 0.2 s @ 50/60 fps					
Pan/Tilt/Zoom	Pan: 360° endless, 1.8°-150°/s Tilt: 0 to 90°, 1.8°-150°/s Zoom: 10x optical, 12x digital, Total 120x zoom Nadir flip, 100 preset positions, limited guard tour (max 100),	Video management systems Onscreen	Compatible with AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms Day/night shift			
Creatons on abir	control queue, on-screen directional indicator, spot focus	controls	Video streaming indicator			
System on chip Model	ARTPEC-8		Privacy masks Media clip			
Memory	1024 MB RAM, 8192 MB Flash		Focus recall area			
Compute	Deep learning processing unit (DLPU)	Edge-to-edge	Speaker pairing			
capabilities	beep learning processing unit (but o)	Event conditions	Audio: audio clip playing Device status: above/below operating temperature, fan failure, II			
Video			address blocked/removed, live stream active, network lost, new			
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		IP address, PTZ power failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, manual trigger, virtual input MOTT: stateless PTZ: PTZ control queue, PTZ malfunctioning, PTZ movement, PT			
Resolution	16:9: 2688x1512 to 320x180 3:2:1920 x1280 to 240x160 4:3: 1600x1200 to 160x120					
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions		preset position reached, PTZ ready			
Video streaming	Up to 20 unique and configurable video streams ^a Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode	Event actions	Scheduled and recurring: schedule Video: average bitrate degradation Audio clips: play, stop Day-night mode Guard tour			
	Video streaming indicator		I/O: toggle I/O once, toggle I/O while the rule is active Images: FTP, SFTP, HTTP, HTTPS, network share and email			
Signal-to-noise ratio			MOTT: publish Notification: HTTP, HTTPS, TCP and email			
WDR	Forensic WDR: Up to 120 dB depending on scene		Overlay text			
Noise reduction	Spatial filter (2D noise reduction) Temporal filter (3D noise reduction)		Preset position Recordings SNMP traps: send, send while the rule is active			
lmage settings	Saturation, contrast, brightness, sharpness, white balance, day/night threshold, local contrast, tone mapping, exposure mode, exposure zones, compression, rotation: 0°, 180°, text and image overlay, polygon privacy mask, mosaic privacy mask, phameter privacy mask,	Built-in installation aids	Video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pixel counter, level grid			
	chameleon privacy mask Scene profiles: indoor, outdoor, forensic	Analytics Applications	Included			
Image processing	Axis Zipstream, Forensic WDR, Lightfinder 2.0	пррисацииз	AXIS Object Analytics, AXIS Scene Metadata, AXIS Video Motion			
Audio			Detection, active tampering alarm, audio detection, gatekeeper Supported			
Audio features	Automatic gain control Speaker pairing Spectrum visualizer ^b		AXIS People Counter Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap			
Audio streaming	Configurable duplex: Two-way (half duplex, full duplex)	AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes, other)			
Audio input	10-band graphic equalizer Input for external unbalanced microphone, optional 5 V microphone power Unbalanced line input	,	Scenarios: line crossing, object in area, time in area, crossline counting, ccupancy in area Up to 10 scenarios Other features: triggered objects visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration			
Audio output	Output through speaker pairing Line output					
Audio encoding	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bitrate		ONVIF Motion Alarm event			
		AXIS Scene Metadata	Object classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates			

Object attributes: Vehicle color, upper/lower clothing color, confidence, position

	confidence, position			
Approvals				
Product markings	CSA, UL/cUL, BIS, UKCA, CE, KC, EAC, VCCI, RCM			
EMC	EN 55035, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KS C 9835, KS C 9832 Class A USA: FCC Part 15 Subpart B Class A			
Safety	CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, IS 13252			
Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-7, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 62262 IK09			
Network	NIST SP500-267			
Cybersecurity	ETSI EN 303 645			
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 Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)			
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) ^c , IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS ^c , TLS v1.2/v1.3 ^c , 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	IP66-, and IK09-rated Polycarbonate hard-coated dome Plastic casing Color: white NCS S 1002-B For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting.			
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.2 W, max 12.95 W 20–28 V DC, typical 3.8 W, max 11.7 W Features: power meter			
Connectors	Network: Shielded RJ45 10BASE-T/100BASE-TX PoE			

I/O: 6-pin terminal block

	Audio: 4-pin terminal block Power: DC input, terminal block			
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	Temperature: -20 °C to 50 °C (-4 °F to 122 °F) Humidity: 15–100% RH (condensing)			
Storage conditions	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 5–95% RH (non-condensing)			
Dimensions	For the overall product dimensions, see the dimension drawing in this datasheet. Effective Projected Area (EPA): 0.021 m² (0.23 ft²)			
Weight	1.0 kg (2.2 lb)			
Box content	Camera, installation guide, bayonet adapter, terminal block connectors, connector guard, owner authentication key			
Optional accessories	AXIS T91 Mounting Accessories, AXIS T94P01L Recessed Mount Kit, AXIS T8415 Wireless Installation Tool, AXIS Surveillance Cards For more accessories, go to axis.com/products/axis-m5526-e#accessories			
System tools	AXIS Site Designer, AXIS Device Manager, product selector, accessory selector, lens calculator Available at axis.com			
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			
Part numbers	Available at axis.com/products/axis-m5526-e#part-numbers			
Sustainability				
Substance control	PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709 ROHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018 REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu			
Materials	Renewable carbon-based plastic content: 16% (recycled) Screened for conflict minerals in accordance with OECD guidelines To read more about sustainability at Axis, go to axis.com/about-axis/sustainability			
Environmental responsibility	axis.com/environmental-responsibility Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org			

a. We recommend a maximum of 3 unique video streams per camera or channel, for optimized user experience, network bandwidth, and storage utilization. A unique video stream can be served to many video clients in the network using multicast or unicast transport method via built-in stream reuse functionality.

b. Feature available with ACAP

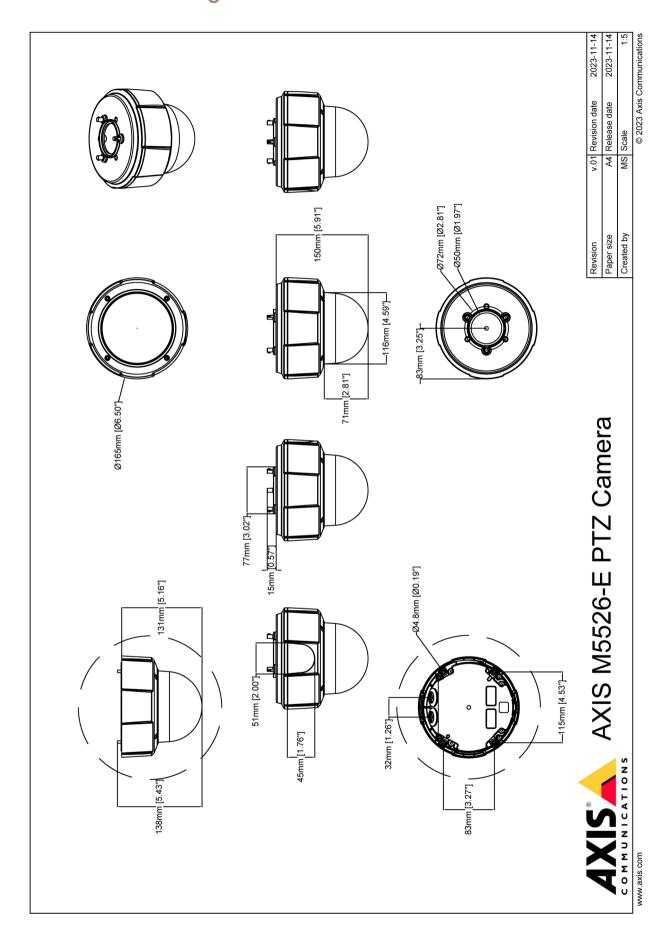
C. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

Detect, Observe, Recognize, Identify (DORI)

	DORI definition	Distance (wide)	Distance (tele)
Detect	25 px/m (8 px/ft)	96 m (314.9 ft)	938 m (3076.6 ft)
Observe	63 px/m (19 px/ft)	38 m (124.6 ft)	373 m (1223.4 ft)
Recognize	125 px/m (38 px/ft)	19 m (62.3 ft)	186 m (610.1 ft)
Identify	250 px/m (76 px/ft)	10 m (32.8 ft)	93 m (305.0 ft)

The DORI values are calculated using pixel densities for different use cases as recommended by the EN-62676-4 standard. The calculations use the center of the image as the reference point and consider lens distortion. The possibility to recognize or identify a person or object depends on factors such as object motion, video compression, lighting conditions, and camera focus. Use margins when planning. The pixel density varies across the image, and the calculated values can differ from the distances in the real world.

Dimension drawing



www.cxis.com T10194184/EN/M6.2/2406

Highlighted capabilities

AXIS Object Analytics

AXIS Object Analytics is a preinstalled, multifeatured video analytics that detects and classifies humans, vehicles, and types of vehicles. Thanks to Al-based algorithms and behavioral conditions, it analyzes the scene and their spatial behavior within – all tailored to your specific needs. Scalable and edge-based, it requires minimum effort to set up and supports various scenarios running simultaneously.

Axis Edge Vault

Axis Edge Vault is the hardware-based cybersecurity platform that safeguards the Axis device. It forms the foundation that all secure operations depend on and offer features to protect the device's identity, safeguard its integrity and protect sensitive information from unauthorized access. For instance, secure boot ensures that a device can boot only with signed OS, which prevents physical supply chain tampering. With signed OS, the device is also able to validate new device software before accepting to install it. And the secure keystore is the critical building-block for protecting cryptographic information used for secure communication (IEEE 802.1X, HTTPS, Axis device ID, access control keys etc.) against malicious extraction in the event of a security breach. The secure keystore and secure connections are provided through a Common Criteria or FIPS 140 certified hardware-based cryptographic computing module.

Furthermore, signed video ensures that video evidence can be verified as untampered. Each camera uses its unique video signing key, which is securely stored in the secure keystore, to add a signature into the video stream allowing video to be traced back to the Axis camera from where it originated. To read more about Axis Edge Vault, go to axis.com/solutions/edge-vault.

Forensic WDR

Axis cameras with wide dynamic range (WDR) technology make the difference between seeing important forensic details clearly and seeing nothing but a blur in challenging light conditions. The difference between the darkest and the brightest spots can spell trouble for image usability and clarity. Forensic WDR effectively reduces visible noise and artifacts to deliver video tuned for maximal forensic usability.

Lightfinder

The Axis Lightfinder technology delivers high-resolution, full-color video with a minimum of motion blur even in near darkness. Because it strips away noise, Lightfinder makes dark areas in a scene visible and captures details in very low light. Cameras with Lightfinder discern color in low light better than the human eye. In surveillance, color may be the critical factor to identify a person, an object, or a vehicle.

Zipstream

The Axis Zipstream technology preserves all the important forensic in the video stream while lowering bandwidth and storage requirements by an average of 50%. Zipstream also includes three intelligent algorithms, which ensure that relevant forensic information is identified, recorded, and sent in full resolution and frame rate.

For more information, see axis.com/glossary

