

AXIS M1135-E Mk II Box Camera

Outdoor-ready 2 MP affordable surveillance.

This affordable, outdoor-ready camera is easy to install and operate. Enclosed in an IP66-, IK10- and NEMA 4X-rated casing, it supports PoE and redundant DC power to ensure your data is safeguarded in the event of a power outage. Featuring Axis Lightfinder and Axis Forensic WDR, it delivers true colors and great details in challenging light or near darkness. Plus, audio input lets you record video with sound. The camera's CS-mount enables flexibility for exchangeable lenses. With AXIS Object Analytics preinstalled, it's possible to detect and classify humans and vehicles. Furthermore, Axis Zipstream with H.264/H.265 significantly lowers bandwidth and storage requirements.

- > [Compact and flexible design](#)
- > [Lightfinder and Forensic WDR](#)
- > [Audio input](#)
- > [AXIS Object Analytics](#)
- > [Remote zoom and focus with i-CS](#)



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Camera		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 I/O: digital input, manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: day/night mode, live stream open, tampering
Image sensor	Progressive scan RGB CMOS 1/2.9"	Event actions	File upload via FTP, HTTP HTTPS, SFTP, network share and email MQTT publish Notification via email, HTTP, HTTPS, TCP Video recording to edge storage, pre- and post-alarm video buffering, PTZ preset, guard tour, send video clip, send SNMP trap, day/night vision mode, WDR mode, status LED indicator, output port
Lens	M1135-E Mk II Varifocal, IR corrected, CS-mount, DC-iris, 3–10.5 mm Horizontal field of view: 90°–33° Vertical field of view: 49°–19° Minimum focus distance: 0.8 m (2.6 ft) M1135-E Mk II i-CS Varifocal, IR corrected i-CS lens, remote zoom and focus, P-iris control, 3.5–10 mm Horizontal field of view: 101°–33° Vertical field of view: 53°–18° Minimum focus distance: 0.8 m (2.6 ft)	Built-in installation aids	Pixel counter, remote zoom and focus with i-CS
Day and night	Automatically removable infrared-cut filter	Analytics	
Minimum illumination	HDTV 1080p 25/30 fps with Forensic WDR and Lightfinder: Color: 0.15 lux at 50 IRE, F1.4 B/W: 0.03 lux at 50 IRE, F1.4 Color: 0.1 lux at 30 IRE, F1.4 B/W: 0.02 lux at 30 IRE, F1.4	AXIS Object Analytics	Object classes: humans, vehicles Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Shutter speed	1/33500 to 2 s	Metadata	Object data: Classes: humans, faces, vehicles, license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
System on chip (SoC)		Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, active tampering alarm Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Model	ARTPEC-7	Cybersecurity	
Memory	1024 MB RAM, 512 MB Flash	Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot, Axis Edge Vault with Axis device ID, signed video, secure keystore (CC EAL4+ certified hardware protection of cryptographic operations and keys)
Compute capabilities	Machine learning processing unit (MLPU)	Network security	IEEE 802.1X (EAP-TLS) ^a , IEEE 802.1AR, HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Video		Documentation	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
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	General	
Resolution	1920x1080 to 160x90	Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B
Frame rate	Up to 25/30 fps in all resolutions	Sustainability	PVC free
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/H.265 Low latency mode	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.2 W, typical 4.5 W 10–28 V DC, max 6.6 W, typical 4.4 W
Image settings	Axis Forensic WDR: up to 120 dB depending on scene, manual shutter time, compression, color, brightness, sharpness, contrast, white balance, exposure control (including automatic gain control), exposure zones, fine tuning of behavior at low light, aspect ratio correction, text and image overlay, privacy mask, mirroring of images	Connectors	RJ45 10BASE-T/100BASE-TX PoE Terminal block for one input and one output (12 V DC output, max load 25 mA) DC input, terminal block 3.5 mm mic/line in
Pan/Tilt/Zoom	Digital PTZ	Storage	Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio		Operating conditions	-25 °C to 50 °C (-13 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F)
Audio streaming	Audio in, simplex, two-way audio via edge-to-edge technology		
Audio encoding	24bit 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/output	External microphone input or line input, automatic gain control, network speaker pairing		
Network			
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, user access log		
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, DTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDAP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)		
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		

	Maximum temperature according to NEMA TS 2 (2.2.7) 74 °C (165 °F) Start-up temperature: -20 °C (-4 °F) Humidity 10–100% RH (condensing)		
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	Weight	1.8 kg (4.0 lb) including wall mount
Approvals	EMC EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, 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, RCM AS/NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835 Safety CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, CAN/CSA-C22.2 No. 60950-22, IEC/EN/UL 60950-22, IS 13252 Environment EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10, NEMA TS 2 (2.2.7-2.2.9) Network NIST SP500-267	Included accessories	AXIS T94Q01A Wall Mount, Torx® T20 screw driver, Torx® T30 screw bit, connector kit, installation guide, Windows® decoder 1-user license
Dimensions	240 x 143 x 324 mm (9.5 x 5.6 x 12.8 in) including wall mount	Optional accessories	AXIS T94R01P Conduit Back Box, AXIS T98A16-VE Surveillance Cabinet Series, AXIS T91B47 Pole Mount, AXIS T90B Illuminators, AXIS T8351 Mk II Microphone 3.5 mm
		Optional lenses	Computar 12.5-50 mm, DC-iris Lens CS 2.8-13 mm F1.4 DC-Iris 5 MP Lens Computar i-CS 2.8-8.5 mm
		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
		Warranty	5-year warranty, see axis.com/warranty

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