

AXIS M2035-LE Bullet Camera

Affordable camera with deep learning

Ideal for tough environments and rough weather, AXIS M2035-LE delivers HDTV in 1080p. With a deep learning processing unit, it enables unique opportunities for analytics based on deep learning on the edge. AXIS Object Analytics offers detection and classification of humans, vehicles, and types of vehicles. And Axis Edge Vault protects your Axis device ID and simplifies authorization of Axis devices on your network. Available in two lens alternatives, this IK08-rated camera offers flexible and cost-efficient installation including PoE. Edge-to-edge technology allows for smart pairing with Axis speakers. Plus, a spacious, sealed back box ensures secure cable management.

- > **HDTV 1080p**
- > **Compact, lightweight design**
- > **Analytics with deep learning**
- > **Zipstream supporting H.264/H.265**
- > **Outdoor-ready with IR illumination**



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Models	AXIS M2035-LE AXIS M2035-LE Black AXIS M2035-LE 8 mm AXIS M2035-LE 8 mm Black	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
Camera		Event conditions	I/O: manual trigger Device status: above operating temperature, above or below operating temperature, below operating temperature, within operating temperature, IP address removed, network lost, new IP address, system ready Video: average bitrate degradation, tampering, day-night mode Application: motion alarm, VMD 4, VMD3 Scheduled and recurring: scheduled event Edge storage: recording ongoing, storage disruption, storage health issues detected MQTT subscribe
Image sensor	1/2.9" progressive scan RGB CMOS	Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text, day/night mode MQTT publish
Lens	Fixed iris, fixed focus, IR corrected AXIS M2035-LE: 3.2 mm, F1.4 Horizontal field of view: 101° Vertical field of view: 54° Minimum focus distance: 1.2 m AXIS M2035-LE 8mm: 7.5 mm, F1.6 Horizontal field of view: 39° Vertical field of view: 22° Minimum focus distance: 3 m	Data streaming	Event data
Day and night	Automatically removable infrared-cut filter	Built-in installation aids	Pixel counter Level grid
Minimum illumination	With Lightfinder AXIS M2035-LE: Color: 0.16 lux at 50 IRE, F1.4 B/W: 0.03 lux at 50 IRE, F1.4 0 lux with IR illumination on AXIS M2035-LE 8mm: Color: 0.17 lux at 50 IRE, F1.6 B/W: 0.03 lux at 50 IRE, F1.6 0 lux with IR illumination on	Analytics	
Shutter speed	1/19000 s to 1/5 s	AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Trigger conditions: line crossing, object in area, time in area ^{BETA} Up to 10 scenarios Metadata visualized with trajectories and color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
System on chip (SoC)		Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Model	CV25	General	
Memory	1024 MB RAM, 512 MB Flash	Casing	IP66-/IP67-, NEMA 4X- and IK08-rated Aluminum and plastic casing AXIS M2035-LE: White NCS S 1002-B AXIS M2035-LE Black: Black NCS S 9000-N
Compute capabilities	Deep learning processing unit (DLPU)	Sustainability	PVC free, BFR/CFR free
Video		Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 5 W, max 12.95 W
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Motion JPEG	Connectors	RJ45 10BASE-T/100BASE-TX PoE
Resolution	1280x960 to 320x240 (4:3) 1920x1080 to 640x360 (16:9)	IR illumination	Optimized IR with power-efficient, long-life 855 nm IR LEDs Range of reach 20 m (65.6 ft) or more depending on the scene
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz in H.264 and H.265 ^a	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
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	Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Start-up temperature: -30 °C (-22 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 10–100% RH
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate streaming	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, motion-adaptive exposure, WDR: up to 115 dB depending on scene, text and image overlay, privacy masks, mirroring of images Rotation: 0°, 90°, 180°, 270°, including Corridor Format	Approvals	EMC CISPR 24, CISPR 35, 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), KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A Safety
Pan/Tilt/Zoom	Digital PTZ	System integration	
Audio			
Audio output	Smart pairing with Axis speakers via edge-to-edge technology		
Network			
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified)		
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^c , SNMP v1/v2c/v3 (MIB-II), DNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SOCKS, SSH, LLDAP, MQTT v3.1.1		

IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1,
IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, IEC 62471,
IS 13252
Environment
IEC 60068-2-X, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK08
Network
NIST SP500-267

Dimensions	Length: 170 mm (6.7 in) ø 101 mm (4.0 in)
Weight	491 g (1.1 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, Torx® L-key, connector guard
Optional accessories	AXIS T94B03L Recessed Mount AXIS T94B02D Pendant Kit AXIS T94B01P Conduit Back Box AXIS T94B02M J-Box/Gang Box Plate AXIS T94 mounts for various installations

AXIS Surveillance Cards
For more accessories, see axis.com

Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners. For more information, see 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. *Reduced frame rate in Motion JPEG*
- b. *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).*

Environmental responsibility:

axis.com/environmental-responsibility