

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**



AXIS M2035-LE Bullet Camera

Models	AXIS M2035-LE AXIS M2035-LE Black AXIS M2035-LE 8 mm AXIS M2035-LE 8 mm Black	ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at onvif.org
Camera		
Image sensor	1/2.9" progressive scan RGB CMOS	
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	
Day and night	Automatically removable infrared-cut filter	
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	
Shutter speed	1/19000 s to 1/5 s	
System on chip (SoC)		
Model	CV25	
Memory	1024 MB RAM, 512 MB Flash	
Compute capabilities	Deep learning processing unit (DLPU)	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Motion JPEG	
Resolution	1280x960 to 320x240 (4:3) 1920x1080 to 640x360 (16:9)	
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz in H.264 and H.265 ^a	
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	
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	
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	
Pan/Tilt/Zoom	Digital PTZ	
Audio		
Audio output	Smart pairing with Axis speakers via edge-to-edge technology	
Network		
Security	IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, user access log, centralized certificate management	
Network protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SSH, LLDP, MQTT v3.1.1	
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	
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		
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		
Built-in installation aids		
Pixel counter Level grid		
Analytics		
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	
Metadata		
Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions		
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		
Cybersecurity		
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)	
Network security	IEEE 802.1X (EAP-TLS) ^b , IEEE 802.1AR, HTTPS/HSTS ^b , TLS v1.2/v1.3 ^b , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering	
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	
General		
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	
Sustainability	PVC free, BFR/CFR free	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 5 W, max 12.95 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE	
IR illumination	OptimizedIR with power-efficient, long-life 855 nm IR LEDs Range of reach 20 m (65.6 ft) or more depending on the scene	

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	-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
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
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 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).*