

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, this affordable camera enables unique opportunities for analytics based on deep learning on the edge. AXIS Object Analytics offers detection and classification of humans, and vehicles, and types of vehicles. And, Axis Edge Vault protects your Axis device ID and simplifies authorization of Axis devices on your network. This IK08-rated camera offers flexible and cost-efficient installation including support for PoE. Plus, a spacious, sealed back box ensures secure cable management. Furthermore, it's available in two lens alternatives.

- > [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 S, and ONVIF® Profile T, specification at onvif.org
Camera		Event conditions
Image sensor	1/2.9" progressive scan RGB CMOS	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
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	Event actions
Day and night	Automatically removable infrared-cut filter	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
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	Data streaming
Shutter speed	1/19000 s to 1/5 s	Event data
System on chip (SoC)		Built-in installation aids
Model	CV25	Pixel counter Level grid
Memory	1024 MB RAM, 512 MB Flash	Analytics
Compute capabilities	Deep learning processing unit (DLPU)	AXIS Object Analytics
Video		Object classes: humans, vehicles (types: cars, buses, trucks, bikes) 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
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Motion JPEG	Applications
Resolution	1280x960 to 320x240 (4:3) 1920x1080 to 640x360 (16:9)	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
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz	General
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	Casing
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	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
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	Sustainability
Pan/Tilt/Zoom	Digital PTZ	PVC free, BFR/CFR free
Network		Power
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, Axis Edge Vault with Axis device ID	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 5 W, max 12.95 W
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SOCKS, SSH, LLDP, MQTT v3.1.1	Connectors
System integration		RJ45 10BASE-T/100BASE-TX PoE
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection	IR illumination
		Optimized IR with power-efficient, long-life 855 nm IR LEDs AXIS M2035-LE: Range of reach 20 m (65.6 ft) or more depending on the scene AXIS M2035-LE 8mm: Range of reach 30 m (98.4 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 62368-1, IEC 62471, IS 13252

	Environment IEC 60068-2-X, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK08 Network NIST SP500-267	For more accessories, see axis.com
Dimensions	Length: 170 mm (6.7 in) ø 101 mm (4.0 in)	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners. For more information, see axis.com/vms
Weight	491 g (1.1 lb)	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
Included accessories	Installation guide, Windows® decoder 1-user license, Torx® L-key, connector guard	Warranty 5-year warranty, see axis.com/warranty
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	a. <i>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).</i> Environmental responsibility: axis.com/environmental-responsibility