

# AXIS M2036-LE Bullet Camera

## Affordable camera with deep learning

Ideal for tough environments and rough weather, AXIS M2036-LE delivers Quad HD 1440p/ 4 MP. 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.

- > **Quad HD 1440p/ 4 MP**
- > **Compact, lightweight design**
- > **Analytics with deep learning**
- > **Zipstream supporting H.264/H.265**
- > **Outdoor-ready with IR illumination**



# AXIS M2036-LE Bullet Camera

<b>Models</b>	AXIS M2036-LE AXIS M2036-LE Black	Edge storage: recording ongoing, storage disruption, storage health issues detected MQTT subscribe	
<b>Camera</b>			
<b>Image sensor</b>	1/2.7" progressive scan RGB CMOS	<b>Event actions</b>	
<b>Lens</b>	Fixed iris, fixed focus, IR corrected 2.4 mm, F2.1 Minimum focus distance: 0.5 m 4 MP (16:9) Horizontal field of view: 130° Vertical field of view: 71° 4 MP (4:3) Horizontal field of view: 109° Vertical field of view: 81°	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	
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Data streaming</b>	
<b>Minimum illumination</b>	With Lightfinder Color: 0.18 lux at 50 IRE, F2.1 B/W: 0.04 lux at 50 IRE, F2.1 0 lux with IR illumination on	Event data	
<b>Shutter speed</b>	1/38500 s to 1/5 s	<b>Built-in installation aids</b>	
<b>System on chip (SoC)</b>			
<b>Model</b>	CV25	Pixel counter Level grid	
<b>Memory</b>	1024 MB RAM, 512 MB Flash	<b>Analytics</b>	
<b>Compute capabilities</b>	Deep learning processing unit (DLPU)	<b>AXIS Object Analytics</b>	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
<b>Video</b>			<b>Applications</b>
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	<b>Included</b>	AXIS Object Analytics, AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
<b>Resolution</b>	2304x1728 to 320x240 (4:3) 2668x1512 to 640x360 (16:9)	<b>General</b>	
<b>Frame rate</b>	Up to 25/30 fps with power line frequency 50/60 Hz	<b>Casing</b>	IP66-/IP67-, NEMA 4X- and IK08-rated Aluminum and plastic casing AXIS M2036-LE: White NCS S 1002-B AXIS M2036-LE Black: Black NCS S 9000-N
<b>Video streaming</b>	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	<b>Sustainability</b>	PVC free, BFR/CFR free
<b>Multi-view streaming</b>	Up to 2 individually cropped out view areas in full frame rate	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 5 W, max 12.95 W
<b>Image settings</b>	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	<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>IR illumination</b>	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
<b>Network</b>			<b>Storage</b>
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> 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	<b>Operating conditions</b>	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 <a href="http://axis.com">axis.com</a>
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , 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	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>System integration</b>			<b>Approvals</b>
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-click cloud connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>	<b>EMC</b>	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
<b>Event conditions</b>	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	<b>Safety</b>	IEC/EN 62368-1, IEC 62471, IS 13252
		<b>Environment</b>	IEC 60068-2-X, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK08
		<b>Network</b>	NIST SP500-267
		<b>Dimensions</b>	Length: 170 mm (6.7 in) ø 101 mm (4.0 in)
		<b>Weight</b>	491 g (1.1 lb)
		<b>Included accessories</b>	Installation guide, Windows <sup>®</sup> decoder 1-user license, Torx <sup>®</sup> L-key, connector guard
		<b>Optional accessories</b>	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](http://axis.com)

- 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 (eay@cryptsoft.com).*

<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners. For more information, see <a href="http://axis.com/vms">axis.com/vms</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)