

AXIS Q3536-LVE Dome Camera

Advanced 4 MP dome with deep learning

With 4 MP resolution, Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS Q3536-LVE delivers outstanding image quality even in the harshest weather and environments. The IR-shielded dome prevents IR reflections ensuring consistently clear, sharp video. Built on ARTPEC-8, it offers advanced features and powerful applications based on deep learning. For instance, AXIS Object Analytics comes preinstalled offering highly nuanced object classification. Enclosed in a metal casing, this robust camera features redundant power, sensors for intrusion and shock detection, and built-in cybersecurity features such as Axis Edge Vault and a FIPS 140-2 level 2 certified Trusted Platform Module (TPM).

- > [Outstanding image quality in 4 MP](#)
- > [Analytics with deep learning](#)
- > [Available with wide or tele lens](#)
- > [IR-shielded dome to prevent reflections](#)
- > [Metal casing and built-in cybersecurity features](#)



AXIS Q3536-LVE Dome Camera

Variants	AXIS Q3536-LVE 9 mm AXIS Q3536-LVE 29 mm	Network	
Camera		Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTCP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
Image sensor	1/1.8" progressive scan RGB CMOS	System integration	
Lens	AXIS Q3536-LVE 9 mm: Varifocal, 4.3–8.6 mm, F1.5–2.4 Horizontal field of view: 103°–53° Vertical field of view: 56°–30° Varifocal, Remote focus and zoom, P-Iris control, IR corrected AXIS Q3536-LVE 29 mm: Varifocal, 11.3–29.4 mm, F1.7 Horizontal field of view: 40°–15° Vertical field of view: 22°–9° Varifocal, Remote focus and zoom, P-Iris control, IR corrected	Application Programming Interface	Open API for software integration, including VAPIX®, metadata, and AXIS Camera Application Platform (ACAP); specifications at axis.com/developer-community . ACAP includes Native SDK and Computer Vision SDK. One-click cloud connection (O3C) ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T specification at onvif.org
Day and night	Automatically removable infrared-cut filter	Onscreen controls	Electronic image stabilization Day/night shift Defogging Wide dynamic range Video streaming indicator IR illumination Heater
Minimum illumination	AXIS Q3536-LVE 9 mm Color: 0.06 lux at 50 IRE, F1.5 B/W: 0 lux at 50 IRE, F1.5 AXIS Q3536-LVE 29 mm: Color: 0.08 lux at 50 IRE, F1.7 B/W: 0 lux at 50 IRE, F1.7	Event conditions	Analytics, external input, supervised external input, edge storage events, virtual inputs through API Audio: audio detection, audio clip playing Call: state, state change Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, shock detected, casing open, storage failure, system ready, within operating temperature Digital audio: digital signal contains Axis metadata, digital signal has invalid sample rate, digital signal missing, digital signal okay Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, manual trigger, virtual input MQTT subscribe MQTT: stateless Scheduled and recurring: schedule Video: tampering, average bitrate degradation, day-night mode, live stream open
Shutter speed	1/91000 s to 1 s	Event actions	I/O: toggle I/O once, toggle I/O while the rule is active 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 Calls: end SIP call, make SIP call, answer call MQTT publish Overlay text, external output activation, play audio clip, zoom preset, day/night mode, make call, flash status LED, use lights, set defog mode, send MQTT publish message, set WDR mode
Camera angle adjustment	Pan ±180°, tilt -43 to +80°, rotation ±175°	Built-in installation aids	Leveling assistant, straighten image, image grid, pixel counter
System on chip (SoC)		Analytics	
Model	ARTPEC-8	AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Scenarios: line crossing, object in area, crossline counting, occupancy in area, time in area Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Memory	2048 MB RAM, 8194 MB Flash	Metadata	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Attributes: Vehicle color, upper/lower clothing color, confidence, position Event data: Producer reference, scenarios, trigger conditions
Compute capabilities	Deep learning processing unit (DLPU)	Applications	Included AXIS Object Analytics AXIS Video Motion Detection AXIS Live Privacy Shield
Video			
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		
Resolution	Up to 2688x1512		
Frame rate	With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz		
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 Video streaming indicator		
Multi-view streaming	Up to 8 individually cropped out view areas		
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, defogging, barrel distortion correction, electronic image stabilization, compression, rotation: 0°, 90°, 180°, 270° including Corridor Format, mirroring, text and image overlay, dynamic text and image overlay, privacy masks, polygon privacy mask		
Pan/Tilt/Zoom	Digital PTZ, optical zoom, preset positions Limited guard tour, control queue, on-screen directional indicator Tour recording (max 10, max duration 16 minutes each), guard tour (max 100) AXIS Q3536-LVE 9 mm: 2x optical zoom AXIS Q3536-LVE 29 mm: 2.6x optical zoom		
Audio			
Audio streaming	Two-way, full duplex		
Audio encoding	24bit LPCM, AAC-LC 8/16/48 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 (balanced or unbalanced), line output, digital audio input, automatic gain control Microphone power: Microphone power 5V on tip, ring power 12V on ring, phantom power 12V on tip/ring		

	Supported AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	For repainting instructions of casing and impact on warranty, contact your Axis partner.
Approvals		
EMC	CISPR 35, EN 50121-4, EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KS C 9832 Class A, KS C 9835 USA: FCC Part 15 Subpart B Class A Taiwan: Railway: IEC 62236-4	
Safety	CAN/CSA-C22.2 No. 60950-22, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471, IS 13252	
Environment	IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, ISO 20653 IP6K9K, IEC/EN 62262 IK10+ (50J), NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9)	
Network	NIST SP500-267	
Cybersecurity	ETSI EN 303 645	
Cybersecurity		
Edge security	Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)	
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	
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-, IP6K9K-, NEMA 4X- and IK10+-rated Polycarbonate hard coated dome Aluminum and plastic casing, polycarbonate (PC) dome, sunshield (PC/ASA) Color: white NCS S 1002-B This product can be repainted	
Mounting		Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon) ¾" (M25) conduit side entry
Sustainability		PVC free
Power		Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 Typical 9 W, max 23 W 10-28 V DC, typical 9 W, max 24 W
Connectors		Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE DC input, 3.5 mm mic/line in, 3.5 mm line out Terminal block for two configurable supervised inputs / digital outputs (12 V DC output, max load 50 mA)
IR illumination		Optimized IR with power-efficient, long-life 850 nm IR LEDs AXIS Q3536-LVE 9 mm: Range of reach 40 m (130 ft) or more depending on the scene AXIS Q3536-LVE 29 mm: Range of reach 60 m (200 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		-50 °C to 55 °C (-58 °F to 131 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Start-up temperature: -40 °C (-40 °F) Humidity 10-100% RH (condensing)
Storage conditions		-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
Dimensions		Height: 124 mm (4.9 in), 184 mm (7.3 in) including weathershield ø 183 mm (7.2 in)
Weight		2.1 kg (4.6 lb) including weathershield
Included accessories		Installation guide, Windows® decoder 1-user license, drill hole template, terminal block connector for I/O, RESISTORX® L-key, connector guard, cable gasket, conduit adapter, mounting bracket, weathershield
Optional accessories		AXIS T8415 Wireless Installation Tool AXIS Surveillance Cards AXIS TQ3807-E Dome Smoked, AXIS T94M01D Pendant Kit For more accessories, see axis.com
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, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty		5-year warranty, see axis.com/warranty