

AXIS Q6135-LE PTZ Network Camera

High-speed PTZ with long-range optimizedIR

AXIS Q6135-LE offers HDTV 1080p with 32x optical zoom. It features OptimizedIR up to 250 m (820 ft) or more depending on the scene and Lightfinder 2.0 for clear, sharp images even in challenging light. Sharpdome technology allows you to see 20° above the horizon with the same sharp image quality as below. It includes orientation aid and autotracking 2 with click and track functionality. Privacy masking with mosaic lets you pixelate whole areas of the scene. It includes enhanced security features such as signed firmware, secure boot and TPM module. Plus, Axis Zipstream with support for H.264 and H.265.

- > **HDTV 1080p with 32x optical zoom**
- > **OptimizedIR (250 m/820 ft range)**
- > **Lightfinder 2.0**
- > **Autotracking 2 and orientation aid**
- > **TPM, FIPS 140-2 level 2 certified**



AXIS Q6135-LE PTZ Network Camera

Variants	AXIS Q6135-LE 50 Hz AXIS Q6135-LE 60 Hz	Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready, PTZ autotracking Scheduled and recurring: scheduled event Video: live stream open, day/night mode
Camera		
Image sensor	1/2.8" Progressive scan CMOS	
Lens	Varifocal, 4.3-137.6 mm, F1.4 - 4.0 Horizontal field of view: 58.3°-2.4° Vertical field of view: 34.9°-1.3° Autofocus, auto-iris	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	Color: 0.06 lux at 30 IRE F1.4 B/W: 0.008 lux at 30 IRE F1.4, 0 lux with IR illumination on Color: 0.09 lux at 50 IRE F1.4 B/W: 0.01 lux at 50 IRE F1.4, 0 lux with IR illumination on	
Shutter speed	1/66500 s to 2s	
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°-700°/s Tilt: +20 to -90°, 0.05°-500°/s Zoom: 32x optical, 12x digital, total 384x zoom Nadir flip, 256 preset positions, tour recording (max 10, max duration 16 minutes each), guard tour (max 100), control queue, on-screen directional indicator, orientation aid PTZ, set new pan 0°, adjustable zoom speed, speed dry	
System on chip (SoC)		
Model	ARTPEC-7	
Memory	1024 MB RAM, 512 MB Flash	
Compute capabilities	Machine learning processing unit (MLPU)	
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	1920x1080p (HDTV 1080p) to 320x180	
Frame rate	Up to 50/60 fps (50/60 Hz) in 1080p	
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	
Image settings	Compression, saturation, brightness, sharpness, contrast, local contrast, white balance, exposure control, exposure zones, Forensic WDR: Up to 120 dB depending on scene, defogging, day/night shift level, tone mapping, fine tuning of low-light behavior, rotation: 0°, 180°, text and image overlay, image freeze on PTZ, electronic image stabilization (EIS), scene profiles, 32 individual polygon privacy masks	
Signal-to-noise ratio	>55 dB	
Audio		
Audio input/output	Audio features through portcast technology: two-way audio connectivity, voice enhancer	
Network		
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, NTCIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	
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 ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org	
Video management systems	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at axis.com/vms .	
Event conditions	Analytics	
Event actions	Record video: SD card and network share Pre- and post-alarm video or image buffering for recording or upload Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Notification: email, HTTP, HTTPS, TCP, and SNMP trap PTZ: PTZ preset, guard tour Overlay text, day/night mode WDR mode IR illumination MQTT publish	
Built-in installation aids	Pixel counter, leveling guide	
Analytics		
Applications	Included AXIS Object Analytics, AXIS Scene Metadata, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, Autotracking 2, Active Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
AXIS Object Analytics	Object classes: humans, vehicles Scenarios: line crossing, object in area, crossline counting, time in area Up to 10 scenarios Other features: triggered objects visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event	
AXIS Scene Metadata	Object classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Object attributes: confidence, position	
Approvals		
EMC	EN 55032 Class A, EN 55035, EN 55024, EN 50121-4, IEC 62236-4, 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: KC KN32 Class A, KN35 USA: FCC Part 15 Subpart B Class A	
Safety	IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 risk group 2, IS13252	
Environment	IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250, Type 4X, NEMA TS 2 (2.2.7-2.2.9), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78, ISO4892-2	
Network	NIST SP500-267	
Cybersecurity	ETSI EN 303 645, BSI IT Security Label, FIPS 140 For midspan approvals, see: axis.com/products/axis-t8154-60-w-sfp-midspan	
Cybersecurity		
Edge security	Software: Signed OS, 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 keystore, secure boot	
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) ^c , IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS ^d , TLS	

	v1.2/v1.3 ^e , Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	Operating conditions	With 30 W midspan: -30 °C to 50 °C (-22 °F to 122 °F) With 60 W midspan: -50 °C to 50 °C (-58 °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Arctic Temperature Control: Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Documentation	<p><i>AXIS OS Hardening Guide</i></p> <p><i>Axis Vulnerability Management Policy</i></p> <p><i>Axis Security Development Model</i></p> <p>AXIS OS Software Bill of Material (SBOM)</p> <p>To download documents, go to axis.com/support/cybersecurity/resources</p> <p>To read more about Axis cybersecurity support, go to axis.com/cybersecurity</p>	Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F) Humidity 5–95% RH (non-condensing)
General		Dimensions	Height: 241 mm (9.5 in) ø 165 mm (6.4 in)
Casing	IK08, IK10 housing and mounting ^f , IP66- and NEMA 4X-rated Repaintable metal casing (aluminum), hard coated Polycarbonate (PC) clear dome with Sharpdome technology	Weight	3 kg (6.6 lb)
Sustainability	PVC free	Included accessories	IP66-rated RJ45 connector kit, AXIS High PoE 60 W SFP Midspan, installation guide, Windows decoder 1-user licence
Power	<p>Axis High PoE midspan 1-port: 100–240 V AC, max 74 W Camera consumption: typical 10.3 W (no IR), max 51 W</p> <p>Axis PoE+ midspan 1-port: 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 Camera consumption: typical 10.3 W (no IR), max 25 W</p>	Optional accessories	AXIS T91/T94 Mounting Accessories, Axis High PoE midspans For more accessories, see axis.com
Connectors	<p>RJ45 10BASE-T/100BASE-TX PoE</p> <p>RJ45 Push-pull Connector (IP66)</p> <p>Audio: Audio and I/O connectivity via portcast technology</p>	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
IR illumination	<p>Optimized IR with power-efficient, long life 850 nm IR LEDs</p> <p>With 30 W midspan: Range of reach 190 m (623 ft) or more depending on the scene</p> <p>With 60 W midspan: Range of reach 250 m (820 ft) or more depending on the scene</p>	Warranty	5-year warranty, see axis.com/warranty
Storage	<p>Support for microSD/microSDHC/microSDXC card</p> <p>Support for SD card encryption</p> <p>Support for recording to network-attached storage (NAS)</p> <p>For SD card and NAS recommendations see axis.com</p>	<p>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 (eyay@cryptsoft.com).</p> <p>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 (eyay@cryptsoft.com).</p> <p>c. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).</p> <p>d. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).</p> <p>e. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).</p> <p>f. Mounting not included</p>	