

AXIS Q3517-LVE Network Camera

Outdoor-ready fixed dome for solid performance in 5 MP

AXIS Q3517-LVE is a vandal-resistant fixed dome for harsh environments with a weathershield protecting against snow, rain and reflections. Thanks to its top-quality image sensor, along with Forensic WDR, Lightfinder technology and OptimizedIR illumination, the camera provides unparalleled video quality in any light conditions. Electronic image stabilization is instrumental for smooth and steady video when subject to vibrations. The camera offers redundancy between Power over Ethernet and DC power. Video analytics, supervised inputs and digital outputs further support the surveillance assignment.

- > **5 MP resolution at full framerate**
- > **Forensic WDR, Lightfinder and OptimizedIR**
- > **Axis Zipstream technology**
- > **EIS and vandal resistance with IK10+ rating**
- > **Power with redundancy and configurable I/O ports**



AXIS Q3517-LVE Network Camera

Camera		Event triggers	Analytics, supervised external inputs, virtual inputs through API, edge storage events, shock detection MQTT subscribe
Image sensor	Progressive scan RGB CMOS 1/1.8"	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, external output activation, play audio clip, zoom preset MQTT publish
Lens	Varifocal, 4.3-8.6 mm, F1.5 Horizontal field of view: 96° – 50° Vertical field of view: 53° – 29° Remote focus and zoom, P-Iris control, IR-corrected	Data streaming	Event data
Day and night	Automatically removable infrared-cut filter	Built-in installation aids	Remote zoom, remote focus, pixel counter, leveling assistant, autorotation, straighten image, traffic wizard
Minimum illumination	5MP 25/30 fps with WDR and Lightfinder: Color: 0.12 lux at 50 IRE, F1.5; B/W: 0.02 lux at 50 IRE, F1.5 4MP 50/60 fps: Color: 0.24 lux at 50 IRE, F1.5, B/W; 0.04 lux at 50 IRE, F1.5 0 lux with IR illumination on	Analytics	
Shutter speed	1/71 500 s to 2 s	Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Perimeter Defender, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Camera angle adjustment	Pan: 360° Tilt: ±80° Rotation: ±175°	Approvals	
System on chip (SoC)		EMC	EN 55032 Class A, EN 50121-4, EN 55024, IEC/EN 61000-6-1, IEC/EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 22 Class A Canada: ICES-003 Class A Japan: VCCI Class A Korea: KCC KN32 Class A, KN35 USA: FCC Part 15 Subpart B Class A Railway: IEC 62236-4
Model	ARTPEC-6	Safety	IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252
Memory	1 GB RAM, 512 MB Flash	Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 NEMA 250 Type 4X, IEC/EN 62262 IK10+ (50J), ISO 20653 IP6K9K IEC/EN 60529 IP66/67
Video		Network	NIST SP500-267
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	General	
Resolution	3072x1728 to 160x120	Casing	IP66-, IP67-, IP6K9K- and NEMA 4X-rated, IK10+ (50 joules) impact-resistant casing with polycarbonate hard-coated dome, aluminum base and dehumidifying membrane Encapsulated electronics, captive screws Color: White NCS S 1002-B For repainting instructions of casing or skin cover and impact on warranty, contact your Axis partner.
Frame rate	5MP with WDR: 25/30 fps with power line frequency 50/60 Hz 4MP without WDR: 50/60 fps with power line frequency 50/60 Hz	Mounting	Mounting bracket with holes for junction boxes (double-gang, single-gang, 4" square, and 4" octagon) and for ceiling and wall mounting ¾" (M25) conduit side entry
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264	Sustainability	PVC-free
Multi-view streaming	8 individually cropped-out view areas	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 6.5 W, max 12.9 W 8-28 V DC, typical 6.9 W, max 14.5 W Power redundancy
Pan/Tilt/Zoom	Digital PTZ, optical zoom, preset positions	Connectors	RJ45 10BASE-T/100BASE-TX PoE, terminal block for two configurable supervised inputs / digital outputs (12 V DC output, max load 50 mA), 3.5 mm mic/line in, 3.5 mm line out, terminal block for DC input
Image settings	Scene profiles, compression, color, brightness, sharpness, contrast, local contrast, white balance, day/night threshold, exposure control (including automatic gain control), defogging, exposure zones, fine tuning of behavior at different light levels, Forensic WDR: Up to 120 dB depending on scene, electronic image stabilization, barrel distortion correction, dynamic text and image overlay, privacy masks, mirroring of images, straighten image, rotation: 0°, 90°, 180°, 270°, auto, including corridor format	IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range 40 m (130 ft) or more, depending on the scene
Audio		Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio streaming	Full-duplex	Operating conditions	-50 °C to 60 °C (-58 °F to 140 °F) Start-up: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 10-100% RH (condensing)
Audio encoding	24-bit LPCM 48 kHz, AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8kHz, Opus 8/16/48 kHz Configurable bitrate		
Audio input/output	Input for external microphone or line-level device Line output Automatic gain control		
Network			
Network protocols	IPv4, IPv6 USGv6, 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, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, 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 Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX		

Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	AXIS T94M02L Recessed Mount, AXIS T8351 Microphone, Axis Mounts Et Cabinets For more accessories, see axis.com
Dimensions	Height: 182 mm including weathershield ø 183 mm	
Weight	2.0 kg (4.4 lb) including weathershield	
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, I/O and DC connectors, connector guard, weathershield, Axis U-shape conduit adapter, Resistorx® T20 L-key, mounting bracket	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Optional accessories	AXIS Q35 Smoked Dome A, AXIS Dome Intrusion Switch B, AXIS Multicable B I/O Audio Power AXIS Q35-VE Skin Cover A Black, AXIS ACI Conduit Adapter 3/4" NPS, AXIS T94M01D Pendant Kit including weathershield,	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
		Warranty 5-year warranty, see axis.com/warranty