AXIS Q3517-LV Network Camera
Fixed dome for solid performance in 5 MP

AXIS Q3517-LV is a vandal-resistant fixed dome for demanding locations. 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, IK10 vandal resistance, IP52 water and dust protection**
> **Power with redundancy and configurable I/O ports**

AXIS Q3517-LV Network Camera

Camera

Image sensor	Progressive scan RGB CMOS 1/1.8"
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
Day and night	Automatically removable infrared-cut filter
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, 0 lux with IR illumination on **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
Shutter time	1/71 500 s to 2 s
Camera angle adjustment	**Pan:** 360° **Tilt:** ±80° **Rotation:** ±175°

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	3072x1728 to 160x120
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
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Multi-view streaming	8 individually cropped out view areas
Pan/Tilt/Zoom	Digital PTZ, Optical zoom, Preset positions
Image settings	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, 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

Audio

Audio streaming	Two-way
Audio compression	AAC LC 8/16/32/48 kHz, G.711, G.726 ADPCM 8kHz, Opus 8/16/48 kHz Configurable bitrate
Audio input/output	External microphone input or line input, Line output

Network

Security	Password protection, IP address filtering, IEEE 802.1X network access control[a], HTTPS[a] encryption, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at *www.onvif.org*
Analytics	**Included** AXIS Video Motion Detection, active tampering alarm, audio detection **Supported** AXIS Cross Line Detection, AXIS Digital Autotracking, AXIS Perimeter Defender AXIS Motion Guard, AXIS Fence Guard
	Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Analytics, Supervised external inputs, Virtual inputs through API, Edge storage events, Shock detection
Event actions	File upload via FTP, SFTP, HTTP, HTTPS, network share and email Notification via email, HTTP, HTTPS, and TCP External output activation, Pre- and post-alarm video buffering, Video and audio recording to edge storage, Play audio clip, Zoom preset, Overlay text, Send SNMP trap, Send video clip
Data streaming	Event data
Built-in installation aids	Remote zoom, Remote focus, Pixel counter, Leveling assistant, Autorotation, Straighten image

General

Casing	IP52-rated, IK10 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.
Sustainability	PVC free
Memory	1 GB RAM, 512 MB Flash
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
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
IR illumination	OptimizedIR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	-10 °C to 50 °C (14 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** EN 55032 Class A, EN 55024, IEC/EN 61000-6-1, IEC/EN 61000-6-2, FCC Part 15, Subpart B, Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN32 Class A, KN35 **Safety** IEC/EN/UL 60950-1, IEC/EN 62471 **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 IEC/EN 60529 IP52, IEC/EN 62262 IK10
Dimensions	Height: 123.6 mm ø 161.8 mm
Weight	1.4 kg (3.1 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, Drill hole template, Cable gaskets, I/O and DC connectors, Connector guard Resistorx® T20 L-key, Mounting bracket
Optional accessories	AXIS Q35 Smoked Dome A, AXIS Dome Intrusion Switch B, AXIS Multicable B I/O Audio Power AXIS Q35-V Skin Cover A Black, Axis ACI Conduit Adapters, AXIS T94K01D Pendant Kit, AXIS T94K02L Recessed Mount, AXIS Dome Microphone A, Axis Mounts For more accessories, see *www.axis.com*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on *www.axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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