

## AXIS Q3517-SLVE

### Stainless steel for solid performance in 5MP

AXIS Q3517-SLVE Network Camera is a fixed dome camera in marine-grade stainless steel casing (SUS 316L). With its resistance to corrosion, salt water, chemicals and detergents, the camera is ideal for harsh installations. Thanks to its top-quality image sensor, 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 task.

- > [Marine-grade stainless steel casing](#)
- > [EIS and IK10+ impact resistance](#)
- > [5 MP resolution at 30 fps](#)
- > [Forensic WDR, Lightfinder, and OptimizedIR](#)
- > [Axis Zipstream technology](#)



# AXIS Q3517-SLVE

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 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 speed	1/71 500 s to 2 s
Camera angle adjustment	Pan: 360° Tilt: ±80° Rotation: ±175°

System on chip (SoC)	
Model	ARTPEC-7
Memory	1 GB RAM, 512 MB Flash

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	Scene profiles, 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	Full-duplex
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	
Security	Password protection, IP address filtering, IEEE 802.1X network access control <sup>a</sup> , HTTPS <sup>a</sup> encryption, digest authentication, user access log, centralized certificate management, brute force delay protection
Network protocols	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, TLS <sup>a</sup> , 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 <a href="http://axis.com">axis.com</a> One-click Cloud Connection ONVIF® Profile G and ONVIF® Profile S, specification at <a href="http://onvif.org">onvif.org</a>

Event triggers	Analytics, supervised external inputs, virtual inputs through API, edge storage events, shock detection MQTT subscribe
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

Data streaming	Event data
Built-in installation aids	Remote zoom, remote focus, pixel counter, leveling assistant, autorotation, straighten image

Analytics	
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 <a href="http://axis.com/acap">axis.com/acap</a>

General	
Casing	IP6K9K, IP66-, IP67-, IP69-, and NEMA 4X-rated, IK10+ (50 joules) impact-resistant, stainless steel casing with polycarbonate hard-coated dome and dehumidifying membranes Coated, electropolished SUS 316L stainless steel Encapsulated electronics, captive stainless steel screws For repainting instructions of casing and impact on warranty, contact your Axis partner.

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
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Sustainability	PVC-free
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
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IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range 40 m (130 ft) or more, depending on the scene
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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 <a href="http://axis.com">axis.com</a>
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Operating conditions	-50 °C to 55 °C (-58 °F to 131 °F) Maximum temperature (intermittent): 60 °C (140 °F) Start-up: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 10-100% RH (condensing)
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Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
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Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, 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 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252 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 EN 61000-3-2, EN 61000-3-3, IEC/EN 60529 IP66/67/69 NEMA 250 Type 4X, IEC/EN 62262 IK10+ (50J), ISO 20653 IP6K9K Network
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	NIST SP500-267		For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Dimensions</b>	Height: 125 mm ø 195 mm	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>Weight</b>	2.0 kg (4.4 lb)	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
<b>Included accessories</b>	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, I/O and DC connectors, connector guard, stainless steel Resitorx® TR20 screw bit, AXIS T94U02S Mounting Bracket, wall gasket	<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Optional accessories</b>	AXIS T91F61 Wall Mount, AXIS T91F67 Pole Mount, AXIS T94U02D Pendant Kit with weathershield, AXIS T94U01D Pendant Kit, AXIS Q3517-SLVE Nylon Dome, AXIS Dome Intrusion Switch B, AXIS Multicable B I/O Audio Power	<p>a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<a href="http://www.openssl.org">www.openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i></p>	