

## AXIS Q3527-LVE

### 5 MP dome with enhanced security features

AXIS Q3527-LVE Network Camera is a vandal-resistant fixed dome for harsh environments with enhanced security features. Signed firmware and secure boot ensure the integrity and authenticity of the camera's firmware, while a TPM provides secure storage of its certificates and cryptographic keys. Based on AXIS Q3517-LVE, the top-quality image sensor and advanced technologies such as Lightfinder and Forensic WDR ensures that AXIS Q3527-LVE delivers outstanding video quality in any light condition, even when the camera is subject to vibrations. AXIS Q3527-LVE also offers redundancy between PoE and DC power. Video analytics, supervised inputs, and digital outputs further support the surveillance task.

- > [TPM, FIPS 140-2 level 2 certified](#)
- > [Signed firmware](#)
- > [Secure boot](#)
- > [OptimizedIR and Zipstream](#)
- > [AXIS Guard Suite analytics](#)



# AXIS Q3527-LVE

<b>Camera</b>		<b>Application Programming Interface</b>	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, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at <a href="http://onvif.org">onvif.org</a>
<b>Image sensor</b>	Progressive scan RGB CMOS 1/1.8"	<b>Event triggers</b>	Analytics, supervised external inputs, virtual inputs through API, edge storage events, shock detection MQTT subscribe
<b>Lens</b>	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	<b>Event actions</b>	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
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Data streaming</b>	Event data
<b>Minimum illumination</b>	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	<b>Built-in installation aids</b>	Remote zoom, remote focus, pixel counter, leveling assistant, autorotation, straighten image, traffic wizard
<b>Shutter speed</b>	1/71 500 s to 2 s	<b>Analytics</b>	
<b>Camera angle adjustment</b>	Pan: 360° Tilt: ±80° Rotation: ±175°	<b>Applications</b>	<b>Included</b> AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm, audio detection <b>Supported</b> AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
<b>System on chip (SoC)</b>		<b>General</b>	
<b>Model</b>	ARTPEC-6	<b>Casing</b>	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.
<b>Memory</b>	1 GB RAM, 512 MB Flash	<b>Mounting</b>	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
<b>Video</b>		<b>Sustainability</b>	PVC-free
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Power</b>	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
<b>Resolution</b>	3072x1728 to 160x120	<b>Connectors</b>	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
<b>Frame rate</b>	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	<b>IR illumination</b>	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range 40 m (130 ft) or more, depending on the scene
<b>Video streaming</b>	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	<b>Storage</b>	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>
<b>Multi-view streaming</b>	8 individually cropped-out view areas	<b>Operating conditions</b>	-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)
<b>Pan/Tilt/Zoom</b>	Digital PTZ, optical zoom, preset positions	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Image settings</b>	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	<b>Approvals</b>	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 <b>Safety</b> IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252 <b>Environment</b>
<b>Audio</b>			
<b>Audio streaming</b>	Full-duplex		
<b>Audio encoding</b>	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		
<b>Audio input/output</b>	Input for external microphone or line-level device Line output Automatic gain control		
<b>Network</b>			
<b>Security</b>	Password protection, IP address filtering, IEEE 802.1X (EAP-TLS) network access control <sup>a</sup> , HTTPS <sup>a</sup> encryption, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module		
<b>Supported protocols</b>	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, RTSP, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)		
<b>System integration</b>			

	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 <b>Network</b> NIST SP500-267	AXIS T94M02L Recessed Mount, AXIS T8351 Microphone, Axis Mounts Et Cabinets For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Dimensions</b>	Height: 182 mm including weathershield ø 183 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) including weathershield	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Included accessories</b>	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	<b>Warranty</b> 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Optional accessories</b>	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,	a. <i>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).</i>

Environmental responsibility:

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