

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

| 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 | 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 |
| Audio | |
| Audio streaming | Full-duplex |
| Audio compression | 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 |
| 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, brute force delay protection, signed firmware, secure boot, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module |
| Supported protocols | IPv4, IPv6 USGv6, HTTP, HTTPS, SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , 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 axis.com AXIS Guardian with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at onvif.org |
| Analytics | Included AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, active tampering alarm, audio detection Supported |

| Event triggers | AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap Analytics, supervised external inputs, virtual inputs through API, edge storage events, shock detection |
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| 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 |
| Data streaming | Event data |
| Built-in installation aids | Remote zoom, remote focus, pixel counter, leveling assistant, autorotation, straighten image, traffic wizard |
| General | |
| 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. |
| 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 |
| 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 | Optimized IR with power-efficient, long-life 850 nm IR LEDs Range 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 axis.com |
| 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) |
| Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing) |
| 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 NEMA 250 Type 4X, IEC/EN 62262 IK10+ (50J), ISO 20653 IP6K9K IEC/EN 60529 IP66/67 Network NIST SP500-267 |
| Dimensions | Height: 182 mm including weathershield ø 183 mm |
| Weight | 2.0 kg (4.4 lb) including weathershield |

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| 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 | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| 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, AXIS T94M02L Recessed Mount, AXIS T8351 Microphone, Axis Mounts Et Cabinets For more accessories, see axis.com | Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty |
| Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms | | 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:

axis.com/environmental-responsibility