

AXIS Q3505-SVE Mk II

Stainless steel with exceptional HDTV 1080p video quality

AXIS Q3505-SVE Mk II is a fixed dome in a marine-grade stainless steel casing with a nylon dome, ideal for harsh installations. Its top quality image sensor and enhanced processing with Lightfinder provide exceptional light sensitivity and Wide Dynamic Range - Forensic Capture. Electronic image stabilization is instrumental when the camera is subject to vibration, resulting in smoother and steadier video. Easy-to-install with features such as smart conduit connection and cable management, as well as remote zoom and focus that eliminates the need for hands-on fine tuning. All together, the camera is resistant to corrosion, salt water, chemicals and detergents.

- > [Marine-grade stainless steel \(SS 316L\) and IK10+ impact resistance](#)
- > [Lightfinder and WDR – Forensic Capture](#)
- > [HDTV 1080p at up to 60 fps or 720p at up to 120 fps](#)
- > [Axis Zipstream technology](#)
- > [Electronic Image Stabilization](#)



AXIS Q3505-SVE Mk II

Models	AXIS Q3505-SVE Mk II 9 mm AXIS Q3505-SVE Mk II 22 mm
Camera	
Image sensor	Progressive scan RGB CMOS 1/2.8"
Lens	Varifocal, Remote focus and zoom, P-Iris control, IR corrected 9 mm: 3–9 mm, F1.3 Horizontal field of view: 105°–36° Vertical field of view: 57°–21° 22 mm: 9–22 mm, F1.6 Horizontal field of view: 36°–15° Vertical field of view: 19°–9°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	9 mm: HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.11 lux at 50 IRE, F1.3; B/W: 0.02 lux at 50 IRE, F1.3 HDTV 1080p 50/60 fps: Color: 0.22 lux at 50 IRE, F1.3; B/W: 0.04 lux at 50 IRE, F1.3 22 mm: HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.17 lux at 50 IRE, F1.6; B/W: 0.03 lux at 50 IRE, F1.6 HDTV 1080p 50/60 fps: Color: 0.34 lux at 50 IRE, F1.6; B/W: 0.06 lux at 50 IRE, F1.6
Shutter time	1/143000 to 2 s
Camera angle adjustment	Pan: 360° Tilt: -5° to 80° (0° = lens directed at a right angle to camera base) Rotation: ±95°
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1920x1080 to 160x90
Frame rate	HDTV 1080p (1920x1080) with WDR: 25/30 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 720p (1280x720) without WDR: Up to 100/120 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 9 mm: 3x Optical zoom, 2x Digital zoom 22 mm: 2.4x Optical zoom, 2x Digital zoom
Image settings	Scene profiles, compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control, defogging, exposure zones, fine tuning of behavior at different light levels, WDR – forensic capture: up to 120 dB depending on scene, electronic image stabilization, barrel distortion correction, text and image overlay, privacy masks, mirroring of images, 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
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

System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at onvif.org
Analytics	Included AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, active tampering alarm, audio detection, gatekeeper Supported AXIS Perimeter Defender, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Event triggers	Analytics, external input, edge storage events, shock detection
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
General	
Casing	IP66-, IP67-, IP69-, and NEMA 4X-rated, IK10+ (50 joules) impact-resistant, SS 316L stainless steel casing with nylon 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
Sustainability	PVC-free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 4.8 W, max 11.7 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, terminal block for two configurable inputs/outputs (12 V DC output, max load 50 mA), 3.5 mm mic/line in, 3.5 mm line out
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)
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 B, KN35 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-60, IEC 60068-2-78 ISO 21207, EN-ISO 12944 C4H (coating), IEC TR 60721-4-4 Class 4M4, ISO 21207 method B and DCS 8635 275, MIL-STD 810G 509.5 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 NIST SP500-267
Weight	2.0 kg (4.4 lb)

Included accessories	Installation Guide, Windows decoder 1-user license, drill hole template, cable gaskets, I/O and DC connectors, connector guard, stainless steel Resistorx® TR20 screw bit, AXIS T94U02S Mounting Bracket, wall gasket	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Optional accessories	AXIS T91F61 Wall Mount, AXIS T91F67 Pole Mount, AXIS T94U02D Pendant Kit with weathershield, AXIS T94U01D Pendant Kit, AXIS Dome Intrusion Switch B 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:	www.axis.com/environmental-responsibility