

## 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

<b>Models</b>	AXIS Q3505-SVE Mk II 9 mm AXIS Q3505-SVE Mk II 22 mm
<b>Camera</b>	
<b>Image sensor</b>	Progressive scan RGB CMOS 1/2.8"
<b>Lens</b>	Varifocal, Remote focus and zoom, P-Iris control, IR corrected <b>9 mm:</b> 3–9 mm, F1.3 Horizontal field of view: 105°–36° Vertical field of view: 57°–21° <b>22 mm:</b> 9–22 mm, F1.6 Horizontal field of view: 36°–15° Vertical field of view: 19°–9°
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	<b>9 mm:</b> 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 <b>22 mm:</b> 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
<b>Shutter time</b>	1/143000 to 2 s
<b>Camera angle adjustment</b>	Pan: 360° Tilt: -5° to 80° (0° = lens directed at a right angle to camera base) Rotation: ±95°
<b>Video</b>	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
<b>Resolution</b>	1920x1080 to 160x90
<b>Frame rate</b>	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
<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/MBR H.264
<b>Multi-view streaming</b>	8 individually cropped out view areas
<b>Pan/Tilt/Zoom</b>	Digital PTZ, Optical zoom, Preset positions <b>9 mm:</b> 3x Optical zoom, 2x Digital zoom <b>22 mm:</b> 2.4x Optical zoom, 2x Digital zoom
<b>Image settings</b>	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
<b>Audio</b>	
<b>Audio streaming</b>	Two-way
<b>Audio compression</b>	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>	External microphone input or line input, Line output
<b>Network</b>	
<b>Security</b>	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
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS, SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

<b>System integration</b>	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm, audio detection, gatekeeper <b>Supported</b> AXIS Perimeter Defender, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics, external input, edge storage events, shock detection
<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
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Remote zoom, remote focus, pixel counter, leveling assistant, autorotation
<b>General</b>	
<b>Casing</b>	IP66/67/69- and NEMA 4X-rated, IK10+ (50 joules) impact-resistant, SS 316L stainless steel casing with nylon dome and dehumidifying membranes Encapsulated electronics, captive stainless steel screws Finish: coated, electropolished stainless steel For repainting instructions of casing and impact on warranty, contact your Axis partner.
<b>Sustainability</b>	PVC free
<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 4.8 W, max 11.7 W
<b>Connectors</b>	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
<b>Storage</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<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>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	<b>EMC</b> 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 <b>Safety</b> IEC/EN/UL 60950-1, IEC/EN/UL 60950-2 <b>Environment</b> 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
<b>Weight</b>	2.0 kg (4.4 lb)
<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 Resistor <sup>®</sup> TR20 screw bit, AXIS T94U02S Mounting Bracket, Wall gasket

<b>Optional accessories</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
<b>Languages</b>	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](http://www.axis.com/warranty)

- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).*

**Environmental responsibility:**  
[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)