

AXIS Q3505-V Mk II

Exceptional HDTV 1080p video quality

AXIS Q3505-V Mk II is a vandal-resistant fixed dome for demanding installations. Its top-quality image sensor and enhanced processing with Lightfinder technology 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. The camera is easy to install with smart conduit connection and cable management, as well as remote zoom and focus that eliminates the need for hands-on fine tuning. It is ideal for identification of people, objects and vehicles in harsh environments and difficult light conditions.

- > [Lightfinder and WDR - Forensic Capture](#)
- > [HDTV 1080p at up to 60 fps or 720p up to 120 fps](#)
- > [Axis Zipstream technology](#)
- > [Electronic Image Stabilization](#)
- > [IK10 impact resistance and IP52 dust and water protection](#)



AXIS Q3505-V Mk II

Models	AXIS Q3505-V Mk II 9 mm AXIS Q3505-V Mk II 22 mm	RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP
Camera		System integration
Image sensor	Progressive scan RGB CMOS 1/2.8"	Application Programming Interface
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°	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click Cloud Connection ONVIF Profile G and ONVIF Profile S, specification at onvif.org
Day and night	Automatically removable infrared-cut filter	Analytics
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	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
Shutter speed	1/143000 to 2 s	Event triggers
Camera angle adjustment	Pan: 360° Tilt: -5° to 80° (0° = lens directed at a right angle to camera base) Rotation: ±95°	Event actions
Video		Data streaming
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Event data
Resolution	1920x1080 to 160x90	Built-in installation aids
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	Remote zoom, remote focus, pixel counter, leveling assistant, autorotation, straighten image
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	General
Multi-view streaming	8 individually cropped-out view areas	Casing
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	IP52-rated, IK10 impact-resistant casing with polycarbonate 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.
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	Mounting
Audio		Mounting bracket with holes for junction boxes (double-gang, single-gang, 4" square, and 4" octagon) and for ceiling and wall mounting ½" (M20) conduit side entry
Audio streaming	Full-duplex	Sustainability
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	PVC-free
Audio input/output	Input for external microphone or line-level device Line output	Memory
Network		512 MB RAM, 256 MB Flash
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	Power
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPS, SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP,	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, typical 4.8 W, max 6.0 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 (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
		Operating conditions
		-10 °C to 50 °C (14 °F to 122 °F) Humidity 10–85% RH (non-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 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, IEC 60068-2-52 IEC/EN 60529 IP52, IEC/EN 62262 IK10 Network NIST SP500-267
		Weight
		1.2 kg (2.6 lb)

Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, I/O and DC connectors, connector guard, Resistorx® T20 L-key, mounting bracket	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Optional accessories	AXIS Q35-V Smoked Dome, AXIS T94K01D Pendant Kit, AXIS T94K01L Recessed Mount, AXIS Skin Cover A Black, Axis ACI Conduit Adapters, AXIS Dome Microphone A, AXIS Dome Intrusion Switch B, AXIS Multicable B I/O Audio Power, Axis Mounts For more accessories, see axis.com	Warranty	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