

AXIS Q3505-V Mk II Network Camera

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 Network Camera

Models	AXIS Q3505-V Mk II 9 mm AXIS Q3505-V Mk II 22 mm	ONVIF Profile S, specification at www.onvif.org
Camera		Analytics
Image sensor	Progressive scan RGB CMOS 1/2.8"	AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Perimeter Defender, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap
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°	Event triggers
Day and night	Automatically removable infrared-cut filter	Analytics, External input, Edge storage events, Shock detection
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	Event actions
Shutter time	1/143000 to 2 s	File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS, and TCP External output activation, Pre- and post-alarm video buffering, Video and audio recording to edge storage, Play audio clip, Zoom preset, Overlay text, Send SNMP trap, Send video clip
Camera angle adjustment	Pan: 360° Tilt: -5° to 90° (0° = lens directed at a right angle to camera base) Rotation: ±95°	Data streaming
Video		Event data
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Built-in installation aids
Resolutions	1920x1080 to 160x90	Remote zoom, Remote focus, Pixel counter, Leveling assistant, Autorotation
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	General
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	Casing
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	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.
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	Sustainability
Audio		PVC free
Audio streaming	Two-way	Memory
Audio compression	AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8kHz, Opus 8/16/48 kHz Configurable bitrate	512 MB RAM, 256 MB Flash
Audio input/output	External microphone input or line input, Line output	Power
Network		Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, typical 4.8 W, max 6.0 W
Security	Password protection, IP address filtering, IEEE 802.1X network access control ^a , HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management	Connectors
Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	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
System integration		Storage
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.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
		Weight
		1.2 kg (2.6 lb)
		Included accessories
		Installation Guide, Windows decoder 1-user license, Mounting bracket, Drill hole template, Cable gaskets, I/O connector, Connector guard Resistorx® T20 L-key
		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
		Video management software
		AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
		Languages
		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
		a. 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 (ey@cryptsoft.com).
		Environmental responsibility:
		www.axis.com/environmental-responsibility