

AXIS Q3504-VE Network Camera

Outdoor-ready & robust with exceptional HDTV 720p video quality

AXIS Q3504-VE is a robust, vandal-resistant fixed dome for demanding outdoor 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 720p at up to 120 fps](#)

> [Axis' Zipstream technology](#)

> [Electronic Image Stabilization](#)

> [IK10+ \(50 joules\) impact resistance](#)



AXIS Q3504-VE Network Camera

Camera		Data streaming	Event data
Image sensor	Progressive scan RGB CMOS 1/2.8"	Built-in installation aids	Remote zoom, Remote focus, Pixel counter, Leveling assistant, Autorotation
Lens	Varifocal, Remote focus and zoom, P-Iris control, IR corrected 3–9 mm, F1.3 Horizontal field of view: 105°–36° Vertical field of view: 57°–21°	General	
Day and night	Automatically removable infrared-cut filter	Casing	IP66-, IP67-, IP6K9K- and NEMA 4X-rated, IK10+ (50 joules) 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.
Minimum illumination	HDTV 720p 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 720p 100/120 fps: Color: 0.44 lux at 50 IRE, F1.3; B/W: 0.08 lux at 50 IRE, F1.3	Sustainability	PVC free
Shutter time	1/143000 to 2 s	Memory	512 MB RAM, 256 MB Flash
Camera angle adjustment	Pan: 360° Tilt: -5° to 90° (0° = lens directed at a right angle to camera base) Rotation: ±95°	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 4.8 W, max 11.7 W When using the optional AXIS T8051 Power Converter AC/DC to DC: 8–28 V DC, typical 7.0 W, max 16.5 W 20–24 V AC, typical 15.8 VA, max 24.5 VA
Video		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
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Storage	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
Resolutions	1280x720 to 160x90	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)
Frame rate	HDTV 720p (1280x720) with WDR: 25/30 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	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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	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, IEC 60068-2-52 NEMA 250 Type 4X, IEC/EN 62262 IK10+ (50J), EN 61000-3-2, EN 61000-3-3 IEC/EN 60529 IP66/67, ISO 20653 IP6K9K
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	Weight	1.8 kg (4.0 lb) with weather shield
Pan/Tilt/Zoom	Digital PTZ, Optical zoom, Preset positions 3x Optical zoom, 2x Digital zoom	Included accessories	Installation Guide, Windows decoder 1-user license, Mounting bracket, Drill hole template, Cable gaskets, I/O connector, Connector guard Weather shield, Axis U-shape conduit adapter Resistorx® T20 L-key
Audio		Optional accessories	AXIS Q35-VE Smoked Dome, AXIS T94M01D Pendant Kit, AXIS T94M01L Recessed Mount, AXIS Skin Cover B Black, Axis ACI Conduit Adapters, AXIS T8051 Power Converter AC/DC to DC, AXIS Dome Intrusion Switch B, AXIS Multicable B I/O Audio Power, Axis Mounts Et Cabinets
Audio streaming	Two-way	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
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	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Audio input/output	External microphone input or line input, Line output	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Network		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 (ey@cryptsoft.com).</i>	
Security	Password protection, IP address filtering, IEEE 802.1X network access control ^a , HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management	Environmental responsibility: www.axis.com/environmental-responsibility	
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		
System integration			
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 ONVIF Profile S, specification at www.onvif.org		
Analytics	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		
Event triggers	Analytics, External input, Edge storage events, Shock detection		
Event actions	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		