

AXIS Q3504-V Network Camera

Exceptional HDTV 720p video quality

AXIS Q3504-V 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 720p at up to 120 fps](#)
- > [Axis' Zipstream technology](#)
- > [Electronic Image Stabilization](#)
- > [IK10 impact resistance and IP52 dust and water protection](#)

AXIS Q3504-V Network Camera

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| Camera | | Event triggers | Analytics, External input, Edge storage events, Shock detection |
| Image sensor | Progressive scan RGB CMOS 1/2.8" | 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 |
| 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° | Data streaming | Event data |
| Day and night | Automatically removable infrared-cut filter | Built-in installation aids | Remote zoom, Remote focus, Pixel counter, Leveling assistant, Autorotation |
| 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 | General | |
| Shutter time | 1/143000 to 2 s | Casing | 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. |
| Camera angle adjustment | Pan: 360° Tilt: -5° to 90° (0° = lens directed at a right angle to camera base) Rotation: ±95° | Sustainability | PVC free |
| Video | | Memory | 512 MB RAM, 256 MB Flash |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | Power | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, typical 4.8 W, max 6.0 W |
| Resolutions | 1280x720 to 160x90 | 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 |
| 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 | Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS |
| 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 | Operating conditions | -10 °C to 50 °C (14 °F to 122 °F) Humidity 10–85% RH (non-condensing) |
| 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 | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| Pan/Tilt/Zoom | Digital PTZ, Optical zoom, Preset positions 3x Optical zoom, 2x Digital zoom | 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 |
| Audio | | Weight | 1.2 kg (2.6 lb) |
| Audio streaming | Two-way | 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 |
| 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 | 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 |
| Audio input/output | External microphone input or line input, Line output | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available. |
| Network | | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| Security | Password protection, IP address filtering, IEEE 802.1X network access control ^a , HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management | Warranty | Axis 3-year warranty and AXIS Extended Warranty option |
| Supported protocols | IPv4/IPv6, 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 | | Application Programming Interface | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S |
| 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, | | |