

AXIS Q3505-V Network Camera

HDTV at 60 fps and top-of-the-line video quality

The vandal-resistant AXIS Q3505-V delivers HDTV 1080p video at up to 60 fps, providing smooth video even when capturing fast movements. Wide Dynamic Range-Forensic Capture optimizes video, highlighting details and increasing forensic usability. AXIS Q3505-V supports Axis' Lightfinder technology, making it extremely sensitive to low light. It can transition seamlessly between handling WDR and low-light conditions. Electronic image stabilization greatly improves video quality when the camera is subject to vibration, resulting in smoother and steadier video. Leveling assistance guides the camera to the correct level, and auto rotation flips the image to the right orientation. Remote zoom and focus eliminate the need for hands-on fine tuning.

- > **HDTV 1080p at up to 60 fps**
- > **WDR - Forensic Capture**
- > **Seamless transition between WDR and Lightfinder**
- > **Electronic Image Stabilization**
- > **IK10 impact resistance and IP52 dust and water protection**



AXIS Q3505-V Network Camera

Models	AXIS Q3505-V 9 mm AXIS Q3505-V 22 mm	ONVIF Profile S, specification at www.onvif.org
Camera		
Image sensor	Progressive scan RGB CMOS 1/2.8"	Analytics
Lens	Varifocal, Remote focus and zoom, P-Iris control, IR corrected, Megapixel resolution 9 mm: 3–9 mm, F1.3 Horizontal angle of view: 105°–35° 22 mm: 9–22 mm, F1.6 Horizontal angle of view: 33°–16°	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap
Day and night	Automatically removable infrared-cut filter	Event triggers
Minimum illumination	9 mm: HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.18 lux, F1.3; B/W: 0.04 lux, F1.3 HDTV 1080p 50/60 fps: Color: 0.36 lux, F1.3; B/W: 0.08 lux, F1.3 22 mm: HDTV 1080p 25/30 fps with WDR – forensic capture: Color: 0.28 lux, F1.6; B/W: 0.06 lux, F1.6 HDTV 1080p 50/60 fps: Color: 0.56 lux, F1.6; B/W: 0.11 lux, F1.6	Event actions
Shutter time	1/142850 s to 2 s	File upload: FTP, HTTP, network share and email Notification: email, HTTP 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
Camera angle adjustment	Pan: 360° Tilt: -5° to 90° (0° = Parallel to camera mount/bottom) Rotation: ±95°	Data streaming
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles, Motion JPEG	Event data
Resolutions	1920x1200 (WUXGA) 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: 50/60 fps with power line frequency 50/60 Hz WUXGA (1920x1200) without WDR: 25/30 fps with power line frequency 50/60 Hz	Remote zoom, Remote focus, Pixel counter, Leveling assistant, Auto rotation
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
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zone, Backlight compensation, 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	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 Casing Color: White NCS S 1002-B For repainting instructions of casing or skin cover and impact on warranty, contact your Axis partner
Audio		
Audio streaming	Two-way	Memory
Audio compression	AAC LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8kHz, Configurable bitrate	512 MB RAM, 128 MB Flash
Audio input/output	External balanced/unbalanced microphone input or line input, Line output	Power
Network		
Security	Password protection, IP address filtering, IEEE 802.1X network access control ^a , HTTPS ^a encryption, Digest authentication, User access log, Centralized Certificate Management	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, max. 5.5 W
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	Connectors
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	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
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).

More information is available at www.axis.com