AXIS Q6054 Mk III

Indoor PTZ with 30x zoom and focus recall and Lightfinder

AXIS Q6054 Mk III is a top-of-the-line, indoor PTZ camera, offering fast and precise pan/tilt performance for wide area coverage and detailed surveillance at great distances. The focus recall feature offers instant focus in predefined areas. The camera comes with Axis Lightfinder technology to ensure color images even in low-light conditions. Axis Zipstream technology reduces bandwidth and storage requirements. AXIS Q6054 Mk III offers shock detection, video motion detection, Active Gatekeeper, and electronic image stabilization that gives smoother video in environments with vibrations. It supports two-way audio, audio detection, I/O ports, and 24 V AC/DC power.

> **Lightfinder**

> **HDTV 720p and 30x optical zoom**

> **Focus recall**

> **Zipstream**

> **IP52-rated protection against dust and dripping water**

AXIS Q6054 Mk III

Models	AXIS Q6054 Mk III 60 Hz AXIS Q6054 Mk III 50 Hz

Camera

Image sensor	1/2.8" progressive scan RGB CMOS
Lens	4.3–129 mm, F1.6-4.7 Horizontal field of view: 63.6°–2.5° (720p), 49.7°–1.73° (D1) Vertical field of view: 38.1°–1.45° (720p), 38.1°–1.3° (D1) Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.1 lux at 30 IRE F1.6 **B/W:** 0.008 lux at 30 IRE F1.6 **Color:** 0.15 lux at 50 IRE F1.6 **B/W:** 0.01 lux at 50 IRE F1.6
Shutter time	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1 s with 60 Hz
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°–450°/s Tilt: 180°, 0.05°–450°/s 30x optical zoom and 12x digital zoom, total 360x zoom E-flip, 256 preset positions, tour recording (max 10, max duration 16 minutes each), guard tour (max 100), control queue, on-screen directional indicator, adjustable zoom speed

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	HDTV 720p 1280x720 to 320x180 D1 720x576 (50 Hz) (as Capture Mode) D1 720x480 (60 Hz) (as Capture Mode)
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions
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
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ, defogging, backlight compensation, scene profiles, focus recall Electronic Image Stabilization (EIS) Wide Dynamic Range (WDR): Up to 120 dB depending on scene

Audio

Audio streaming	Two-way: full-duplex, half-duplex, simplex
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate
Audio input/output	Requires multicable (sold separately) for external microphone or line input, and line output

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP

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 and ONVIF® Profile G, specification at *www.onvif.org*
Analytics	**Included** AXIS Video Motion Detection, audio detection, AXIS Fence Guard, AXIS Motion Guard **Supported**
	Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Detectors: live stream accessed, video motion detection, shock detection, audio detection Hardware: fan, network, temperature PTZ: autotracking, error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule Input signal: manual trigger, virtual input, digital input
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP External output activation, audio recording to edge storage, play audio clip
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP52-rated Metal casing (aluminum), Acrylic (PMMA) clear dome
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	**Axis PoE+ midspan 1–port:** 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 Camera consumption: typical 13 W, max 19 W **Multiconnector:** 20–28 V DC, typical 11 W, max 16 W 20–24 V AC, typical 17 VA, max 22 VA
Connectors	RJ45 10BASE-T/100BASE-TX PoE, multiconnector (cable sold separately) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
Storage	Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	0 °C to 50 °C (32 °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 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 **Safety** IEC/EN/UL 60950-1 **Environment** IEC/EN 60529 IP52, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 **Network** NIST SP500-267 **Midspan:** EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb)
Dimensions	Hard-ceiling: Ø198 x 240 mm (Ø7 13/16 x 9 7/16 in) Drop-ceiling: Ø248 x 243 mm (Ø9 3/4 x 9 9/16 in)
Included accessories	Axis PoE+ midspan 1-port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS P55/Q60 Multi-connector cable, 5 m AXIS T91 Mounting Accessories, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, multi-user decoder license pack

Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/vms*
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 (eay@cryptsoft.com).*

Environmental responsibility:

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