AXIS Q6054-E Mk II PTZ Network Camera

Outdoor-ready PTZ with 30x zoom and focus recall and Lightfinder

AXIS Q6054-E Mk II is a top-of-the-line 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, while Arctic Temperature Control ensures safe startup in extreme cold. AXIS Q6054-E Mk II also offers shock detection, video motion detection, automatic defog, Active Gatekeeper and electronic image stabilization that gives smoother video in environments with vibrations.

- > Lightfinder
- > HDTV 720p and 30x optical zoom
- > Focus recall
- > Zipstream
- > Vandal-resistant



AXIS Q6054-E Mk II PTZ Network Camera

Models	AXIS Q6054-E Mk II 60 Hz AXIS Q6054-E Mk II 50 Hz

Camera

Image sensor	1/3" progressive scan RGB CMOS
Lens	4.4–132 mm, F1.4–4.6 Horizontal field of view: 58.3°–2.5° Vertical field of view: 34.0°–1.4° Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.15 lux at 30 IRE F1.4 **B/W:** 0.03 lux at 30 IRE F1.4 **Color:** 0.2 lux at 50 IRE F1.4 **B/W:** 0.04 lux at 50 IRE F1.4
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: 220°, 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
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, automatic defog, backlight compensation, scene profiles, focus recall Electronic Image Stabilization (EIS) Wide Dynamic Range (WDR): Up to 110 dB depending on scene

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
Supported protocols	IPv4/v6, 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	AXIS Video Motion Detection 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 Hardware: fan, network, temperature, casing open PTZ: autotracking, error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule Input signal: manual trigger, virtual 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
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP66-, NEMA 4X- and IK10-rated Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	**Axis High PoE midspan 1–port:** 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included
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	With 30 W midspan: -20 °C to 50 °C (-4 °F to 122 °F) With 60 W midspan: -50 °C to 50 °C (-58 °F to 122 °F) **Maximum temperature (intermittent):** 60 °C (140 °F) **Arctic Temperature Control:** Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (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 22 Class A, KCC KN32 Class A, KN35 **Safety** IEC/EN/UL 60950-1 IEC/EN/UL 60950-22 **Environment** EN 50121-4, IEC 62236-4, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, NEMA 250 Type 4X IEC/EN 60529 IP66 IEC 60721-4-3, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, NEMA TS-2-2003 v02.06, Subsection 2.2.7, 2.2.8, 2.2.9; IEC 62262 IK10, ISO 4892-2 **Midspan:** EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	3.7 kg (8.2 lb)
Dimensions	Ø232 x 280 mm (Ø9 1/8 x 11 in)
Included accessories	Axis High PoE 60 W midspan 1-port, RJ45 Push-pull Connector (IP66), Sunshield Installation Guide, Windows decoder 1-user license
Optional accessories	Smoked dome cover 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:

www.axis.com/environmental-responsibility

©2017 Axis Communications AB. AXIS COMMUNICATIONS, AXIS, and VAPIX are registered trademarks or trademark applications of Axis AB in various jurisdictions. All other company names and products are trademarks or registered trademarks of their respective companies. We reserve the right to introduce modifications without notice.

T10096834/EN/M2.2/102017