AXIS Q6054-E Mk III
Outdoor-ready PTZ with 30x zoom and focus recall and Lightfinder

AXIS Q6054-E Mk III 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 III 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
**Models**
AXIS Q6054-E Mk III 60 Hz
AXIS Q6054-E 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: 63.8°–2.6° (720p), 49.7°–1.73° (D1)
Vertical field of view: 38.0°–1.47° (720p), 38.1°–1.3° (D1)
Autofocus, auto-iris

**Day and night**
Automatically removable infrared-cut filter

**Minimum illumination**
Color: 0.1 lx at 30 IRE Fl.6
B/W: 0.008 lx at 30 IRE Fl.6
Color: 0.15 lx at 50 IRE Fl.6
B/W: 0.01 lx at 50 IRE Fl.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: 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**
HDV: 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/MB 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, deinterlacing, backlight compensation, scene profiles, focus recall
Electronic Image Stabilization (EIS)
Wide Dynamic Range (WDR): Up to 120 dB depending on scene

**Network**

**Security**
Password protection, IP address filtering, HTTPS® encryption, IEEE 802.1X® network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection

**Supported protocols**
IPv4, IPv6, USGv6, HTTP, HTTPS®, SSL/TLS®, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SMNP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP

**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 (AHVS) with One-Click Connection ONVIF Profile S and ONVIF® Profile G, specification at www.onvif.org

**Analytics**

** Included**
AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard

**Support**
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

**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-, IP67-, NEMA 4X- and IK10-rated
Metal casing (aluminium), 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 G 1 A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, CCC KN32 Class A, KN35
Safety
IEC/EN/UL 60950-1
IEC/EN/UL 60950-22
Environment
EN 50121-4, IEC 62236-4, IEC 60608-2-1, IEC 60608-2-2, IEC 60608-2-6, IEC 60608-2-14, IEC 60608-2-27, NEMA 250 Type 4X
IEC/EN 60529 IP66
IEC 60727-4-3, IEC 60608-2-30, IEC 60608-2-60, IEC 60608-2-78, NEMA TS-2-2003 v2.06, Subsection 2.2.7, 2.2.8, 2.3.9, IEC 62262 KT10, ISO 4892-2
Network
NIST SP500-267
Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR

**Weight**
3.7 kg (8.2 lb)

**Dimensions**
Ø232 x 269 mm (Ø9 1/8 x 10 1/2 in)

**Included accessories**
Axis High PoE 60 W SFP 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).