AXIS Q6052-E PTZ Dome Network Camera
Outdoor-ready PTZ with 36x zoom, focus recall and Lightfinder

AXIS Q6052-E is a top-of-the-line, outdoor-ready PTZ dome with D1 resolution, 36x optical zoom and fast and precise pan/tilt performance. The focus recall feature offers instant focus in predefined areas, while Axis Lightfinder technology and the day/night functionality ensure high image quality even in low-light conditions. Axis Zipstream technology reduces bandwidth and storage requirements, while Arctic Temperature Control ensures safe startup in extreme cold. AXIS Q6052-E also offers shock detection, video motion detection, electronic image stabilization, automatic defog, and Active Gatekeeper.

> **Axis Lightfinder technology**

> **D1 resolution and 36x optical zoom**

> **Focus recall**

> **Axis Zipstream technology**

> **Vandal-resistant**

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AXIS Q6052-E PTZ Dome Network Camera

Models	AXIS Q6052-E 60 Hz AXIS Q6052-E 50 Hz

Camera

Image sensor	1/2.8" progressive scan CMOS
Lens	3.3–119 mm, F1.4–4.2 Horizontal field of view: 47.0°–1.5° Vertical field of view: 35.5°–1.1° Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.15 lux at 30 IRE F1.4 Color: 0.25 lux at 50 IRE F1.4 B/W: 0.008 lux
Shutter time	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1.0 s with 60 Hz
Pan/Tilt/Zoom	Pan: 360° endless, 0.05° - 450°/s Tilt: 220°, 0.05°–450°/s 36x optical zoom and 12x digital zoom, total 432x zoom E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	D1 720x576 to 176x144 (50 Hz) D1 720x480 to 176x120 (60 Hz)
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions Capture mode PAL: Up to 50 fps in all resolutions Capture mode NTSC: Up to 60 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology 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 Electronic Image Stabilization (EIS) Wide Dynamic Range (WDR): 110 dB, shadows and highlights recovery

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, LLDP

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 *onvif.org*
Analytics	AXIS Video Motion Detection, Autotracking, Active Gatekeeper, AXIS Fence Guard, AXIS Motion Guard 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, ready, preset reached 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 55022 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

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