

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](#)



AXIS Q6052-E PTZ Dome Network Camera

Models	AXIS Q6052-E 60 Hz AXIS Q6052-E 50 Hz	Input signal: manual trigger, virtual input
Camera		Event actions
Image sensor	1/2.8" progressive scan CMOS	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
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	Data streaming
Day and night	Automatically removable infrared-cut filter	Event data
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	Built-in installation aids
Shutter time	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1.0 s with 60 Hz	Pixel counter
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	General
Video		Casing
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	IP66-, NEMA 4X- and IK10-rated Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
Resolution	D1 720x576 to 176x144 (50 Hz) D1 720x480 to 176x120 (60 Hz)	Sustainability
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	PVC free
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology Controllable frame rate and bandwidth VBR/MBR H.264	Memory
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	512 MB RAM, 256 MB Flash
Network		Power
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	Axis High PoE midspan 1–port: 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP	Connectors
System integration		RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included
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	Storage
Analytics	Included AXIS Video Motion Detection, Autotracking, Active Gatekeeper, AXIS Fence Guard, AXIS Motion Guard Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	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
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	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 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 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 (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility