

# 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

<b>Models</b>	AXIS Q6052-E 60 Hz AXIS Q6052-E 50 Hz	Input signal: manual trigger, virtual input
<b>Camera</b>		<b>Event actions</b>
<b>Image sensor</b>	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
<b>Lens</b>	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	<b>Data streaming</b>
<b>Day and night</b>	Automatically removable infrared-cut filter	Event data
<b>Minimum illumination</b>	Color: 0.15 lux at 30 IRE F1.4 Color: 0.25 lux at 50 IRE F1.4 B/W: 0.008 lux	<b>Built-in installation aids</b>
<b>Shutter time</b>	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1.0 s with 60 Hz	Pixel counter
<b>Pan/Tilt/Zoom</b>	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	<b>General</b>
<b>Video</b>		<b>Casing</b>
<b>Video compression</b>	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)
<b>Resolution</b>	D1 720x576 to 176x144 (50 Hz) D1 720x480 to 176x120 (60 Hz)	<b>Sustainability</b>
<b>Frame rate</b>	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
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology Controllable frame rate and bandwidth VBR/MBR H.264	<b>Memory</b>
<b>Image settings</b>	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
<b>Network</b>		<b>Power</b>
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> 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
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP	<b>Connectors</b>
<b>System integration</b>		RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>	<b>Storage</b>
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, Autotracking, Active Gatekeeper, AXIS Fence Guard, AXIS Motion Guard <b>Supported</b> Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Event triggers</b>	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	<b>Operating conditions</b>
		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)
		<b>Storage conditions</b>
		-40 °C to 65 °C (-40 °F to 149 °F)
		<b>Approvals</b>
		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
		<b>Weight</b>
		3.7 kg (8.2 lb)
		<b>Dimensions</b>
		Ø232 x 280 mm (Ø9 1/8 x 11 in)
		<b>Included accessories</b>
		Axis High PoE 60 W midspan 1–port, RJ45 Push-pull Connector (IP66), Sunshield Installation Guide, Windows decoder 1-user license
		<b>Optional accessories</b>
		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
		<b>Video management software</b>
		AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
		<b>Languages</b>
		English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
		<b>Warranty</b>
		Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)