

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	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		
Camera				
Image sensor	1/2.8" progressive scan CMOS	Data streaming Event data		
Lens	3.3–119 mm, F1.4–4.2 Horizontal angle of view: 47.0°–1.5° Vertical angle of view: 35.5°–1.1° Autofocus, auto-iris	Built-in installation aids Pixel counter		
Day and night	Automatically removable infrared-cut filter	General		
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	Casing	IP66-, NEMA 4X- and IK10-rated Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)	
Shutter time	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1.0 s with 60 Hz	Sustainability	PVC free	
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 Focus recall	Memory	512 MB RAM, 128 MB Flash	
Video		Power	Axis High PoE midspan 1–port: 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Connectors	RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included	
Resolutions	D1 720x576 to 176x144 (50 Hz) D1 720x480 to 176x120 (60 Hz)	Storage	Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com	
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions Capture mode NTSC: Up to 60 fps in all resolutions Capture mode PAL: Up to 50 fps in all resolutions	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)	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis' Zipstream technology Controllable frame rate and bandwidth VBR/MBR H.264	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
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	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, IEC 60721-4-3, NEMA 250 Type 4X, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC/EN 60529 IP66, 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	
Network			Weight	3.7 kg (8.2 lb)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Dimensions	Ø232 x 280 mm (Ø9.1 x 11.0 in)	
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, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP	Included accessories	Axis High PoE 60 W midspan 1–port, RJ45 Push-pull Connector (IP66), Sunshield Installation Guide, Windows decoder 1–user license	
System integration			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
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, specification at www.onvif.org	Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software	
Analytics	Video motion detection, Autotracking, Active Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
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	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty	
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap	<p>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).</p> <p>Environmental responsibility: www.axis.com/environmental-responsibility</p>		