

# AXIS Q6052 PTZ Dome Network Camera

Indoor PTZ with 36x zoom, focus recall and Lightfinder

AXIS Q6052 is a top-of-the-line, indoor 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. AXIS Q6052 offers Active Gatekeeper, a substantial capacity for third-party video analytics applications, and electronic image stabilization that gives smoother video in environments with vibrations. It supports two-way audio, audio detection, I/O ports for external devices, and 24 V AC/DC power.

- > [Axis' Lightfinder technology](#)
- > [D1 resolution and 36x optical zoom](#)
- > [Focus recall](#)
- > [Axis' Zipstream technology](#)
- > [IP52-rated protection against dust and dripping water](#)



# AXIS Q6052 PTZ Dome Network Camera

<b>Models</b>	AXIS Q6052 60 Hz AXIS Q6052 50 Hz	<b>Storage:</b> Disruption, Recording <b>System:</b> System Ready <b>Time:</b> Recurrence, Use Schedule <b>Input signal:</b> Manual trigger, Virtual input, Digital input	
<b>Camera</b>			
<b>Image sensor</b>	1/2.8" progressive scan CMOS		
<b>Lens</b>	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		
<b>Day and night</b>	Automatically removable infrared-cut filter		
<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>Shutter time</b>	1/30000 s to 1/0.75 s with 50 Hz 1/30000 s to 1.0 s with 60 Hz		
<b>Pan/Tilt/Zoom</b>	Pan: 360° endless, 0.05° – 450°/s Tilt: 180°, 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	<b>Event actions</b> 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 External output activation, audio recording to edge storage, play audio clip	
<b>Video</b>			
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Data streaming</b> Event data	
<b>Resolutions</b>	D1 720x576 to 176x144 (50 Hz) D1 720x480 to 176x120 (60 Hz)	<b>Built-in installation aids</b> Pixel counter	
<b>Frame rate</b>	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	<b>General</b>	
<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>Casing</b> IP52-rated Metal casing (aluminum), Acrylic (PMMA) clear dome	
<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	<b>Sustainability</b> PVC free	
<b>Audio</b>			<b>Memory</b> 512 MB RAM, 128 MB Flash
<b>Audio streaming</b>	Two-way: full duplex, half duplex, simplex	<b>Power</b> Axis PoE+ midspan 1–port: 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 Camera consumption: typical 13 W, max 17 W <b>Multi-connector cable:</b> 20–28 V DC, typical 11 W, max 16 W 20–24 V AC, typical 17 VA, max 22 VA	
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<b>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE, Multi-connector (cable sold separately) for AC/DC power, 4 configurable alarm inputs/outputs, Mic in, Line mono input, Line mono output to active speaker	
<b>Audio input/output</b>	Requires multi-connector cable (sold separately) for external microphone or line input, and line output	<b>Storage</b> Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>	
<b>Network</b>			<b>Operating conditions</b> 0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>3</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Storage conditions</b> –40 °C to 65 °C (–40 °F to 149 °F)	
<b>Supported protocols</b>	IPv4/v6, 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, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTPICP	<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 Environment IEC/EN 60529 IP52, IEC 60721-4-3, IEC 60068-2 <b>Midspan:</b> EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR	
<b>System integration</b>			<b>Weight</b> Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb)
<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 Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Dimensions</b> Hard-ceiling: Ø198 x 240 mm (Ø7.8 x 9.4 in) Drop-ceiling: Ø248 x 243 mm (Ø9.8 x 9.6 in)	
<b>Analytics</b>	Video motion detection, Autotracking, Active Gatekeeper Audio detection 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>	<b>Included accessories</b> Axis PoE+ midspan 1–port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license	
<b>Event triggers</b>	Detectors: Live stream accessed, Video motion detection, Shock detection, Audio detection Hardware: Fan, Network, Temperature PTZ: Autotracking, Error, Moving, Ready, Preset Reached	<b>Optional accessories</b> Multi-connector cable 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 Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</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)