

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

Models	AXIS Q6052 60 Hz AXIS Q6052 50 Hz	Storage: Disruption, Recording System: System Ready Time: Recurrence, Use Schedule Input signal: Manual trigger, Virtual input, Digital input
Camera		
Image sensor	1/2.8" progressive scan CMOS	
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	
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: 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	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolutions	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 NTSC: Up to 60 fps in all resolutions Capture mode PAL: Up to 50 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	
Audio		
Audio streaming	Two-way: full duplex, half duplex, simplex	
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	
Audio input/output	Requires multi-connector cable (sold separately) for external microphone or line input, and line output	
Network		
Security	Password protection, IP address filtering, HTTPS ³ 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 TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTPIC	
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, specification at www.onvif.org	
Analytics	Video motion detection, Autotracking, Active Gatekeeper Audio detection 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, Audio detection Hardware: Fan, Network, Temperature PTZ: Autotracking, Error, Moving, Ready, Preset Reached	
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 External output activation, audio recording to edge storage, play audio clip	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
General		
Casing	IP52-rated Metal casing (aluminum), Acrylic (PMMA) clear dome	
Sustainability	PVC free	
Memory	512 MB RAM, 128 MB Flash	
Power	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 Multi-connector cable: 20–28 V DC, typical 11 W, max 16 W 20–24 V AC, typical 17 VA, max 22 VA	
Connectors	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	
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	
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-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 Environment IEC/EN 60529 IP52, IEC 60721-4-3, IEC 60068-2 Midspace: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR	
Weight	Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb)	
Dimensions	Hard-ceiling: Ø198 x 240 mm (Ø7.8 x 9.4 in) Drop-ceiling: Ø248 x 243 mm (Ø9.8 x 9.6 in)	
Included accessories	Axis PoE+ midspan 1–port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license	
Optional accessories	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	
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software	
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:

www.axis.com/environmental-responsibility