

AXIS Q6055-E PTZ Dome Network Camera

Outdoor-ready PTZ with HDTV 1080p, 32x zoom and Zipstream

AXIS Q6055-E is a top-of-the-line, outdoor-ready PTZ dome with HDTV 1080p, 32x optical zoom, and fast and precise pan/tilt for wide area coverage and detailed surveillance at great distances. The high light sensitivity and day/night functionality ensure high image quality even in low-light conditions, while Axis Zipstream technology reduces bandwidth and storage requirements. With guard tour, it is possible to direct the camera automatically to 256 preset positions. Arctic Temperature Control ensures safe startup in extreme cold. AXIS Q6055-E offers shock detection, automatic defog, and built-in video analytics, such as highlight compensation, object removed, enter/exit detection, autotracking, and Active Gatekeeper.

- > [HDTV 1080p and 32x optical zoom](#)
- > [Axis Zipstream technology](#)
- > [Built-in video analytics](#)
- > [Arctic Temperature Control](#)
- > [Vandal-resistant](#)



AXIS Q6055-E PTZ Dome Network Camera

Models	AXIS Q6055-E 60 Hz AXIS Q6055-E 50 Hz	Storage: disruption, recording System: system ready Time: recurrence, use schedule Input signal: manual trigger, virtual input	
Camera			
Image sensor	1/2.8" progressive scan CMOS		
Lens	4.44–142.6 mm, F1.6–4.41 Horizontal field of view: 62.8°–2.23° Vertical field of view: 36.8°–1.3° Autofocus, auto-iris	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	
Day and night	Automatically removable infrared-cut filter	Data streaming Event data	
Minimum illumination	Color: 0.3 lux at 30 IRE F1.6 B/W: 0.03 lux at 30 IRE F1.6 Color: 0.5 lux at 50 IRE F1.6 B/W: 0.04 lux at 50 IRE F1.6	Built-in installation aids Pixel counter	
Shutter time	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz	General	
Pan/Tilt/Zoom	Pan: 360° endless, 0.05° – 450°/s Tilt: 220°, 0.05°–450°/s 32x optical zoom and 12x digital zoom, total 384x zoom E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed	Casing IP66-, IP67-, NEMA 4X- and IK10-rated Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)	
Video			
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Sustainability PVC free	
Resolution	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180	Memory 512 MB RAM, 256 MB Flash	
Frame rate	Up to 50/60 fps (50/60 Hz) in HDTV 720p Up to 25/30 fps (50/60 Hz) in HDTV 1080p	Power Axis High PoE 60 W SFP midspan: 100–240 V AC, max 74 W Camera consumption: typical 16 W, max 60 W	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology Controllable frame rate and bandwidth VBR/MBR H.264	Connectors RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included	
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 Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation	Storage 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	
Network			
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	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)	
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	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)	
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 and ONVIF [®] Profile G, specification at onvif.org	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	
Analytics	Included AXIS Video Motion Detection, Autotracking, Active Gatekeeper, AXIS Fence Guard, AXIS Motion Guard Basic Analytics (not to be compared with third-party analytics): object removed, enter/exit detector, fence detector, object counter Highlight compensation Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	Weight 3.7 kg (8.2 lb)	
Event triggers	Detectors: live stream accessed, video motion detection, shock detection Object removed, enter/exit detector, fence detector, object counter Hardware: fan, network, temperature, casing open PTZ: autotracking, error, moving, ready, preset reached	Dimensions Ø232 x 280 mm (Ø9 1/8 x 11 in)	
		Included accessories Axis High PoE 60 W SFP midspan, 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:

www.axis.com/environmental-responsibility