AXIS Q6044-E PTZ Dome Network Camera

Outdoor, high-speed PTZ dome with HDTV 720p and 30x zoom

AXIS Q6044-E is a top-of-the-line PTZ dome, offering HDTV 720p resolution and fast and precise pan/tilt performance. With endless 360° pan and 30x optical zoom, it can monitor wide areas and provide detailed surveillance. It has day and night functionality, maintaining high image quality even in low-light conditions. Arctic Temperature Control ensures safe start-up in extreme cold, and electronic image stabilization gives more useful video in windy conditions. In fog, automatic defog provides clearer video. Active Gatekeeper automatically moves the camera to a preset position when motion is detected in a pre-defined area, tracking the detected object.

> **HDTV 720p and 30x optical zoom**

> **Outdoor-ready and Arctic Temperature Control**

> **Vandal-resistant and shock detection**

> **Electronic image stabilization**

> **Automatic defog**

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Models	AXIS Q6044-E 60 Hz AXIS Q6044-E 50 Hz

Camera

Image sensor	1/3" Progressive scan CCD
Lens	4.4–132 mm, F1.4-4.6 Horizontal angle of view 62.9°-2.2° Vertical angle of view 37°-1.2° Autofocus
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.2 lux at 30 IRE F1.4 B/W: 0.04 lux at 30 IRE F1.4 Color: 0.3 lux at 50 IRE F1.4 B/W: 0.05 lux at 50 IRE F1.4
Shutter time	1/10000 s to 1/4 s
Pan/Tilt/Zoom	Pan: 360° endless, 0.05° – 450°/s Tilt: 220°, 0.05°-450°/s 30x optical zoom and 12x digital zoom, total 360x zoom E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG
Resolutions	HDTV 720p 1280x720 to 320x180
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Wide Dynamic Range (WDR), manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ, electronic image stabilization, automatic defog

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
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, NTCIP

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 Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Analytics, Shock detection, Fan, Temperature, Manual trigger, PTZ moving, PTZ preset, Edge storage events Heater Casing open
Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP Day/night mode, Guard tour, Video recording to edge storage, Pre- and post-alarm video buffering, PTZ preset, Overlay text, Send SNMP trap

Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP66-, NEMA 4X- and IK10-rated metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
	PVC free
Memory	512 MB RAM, 128 MB Flash Battery backed-up real-time clock
Power	**Axis High PoE midspan 1–port:** 100-240 V AC, max 74 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included
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	**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)
Storage conditions	-50 °C to 60 °C (-58 °F to 140 °F)
Approvals	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, C-tick AS/NZS CISPR 22 Class A KCC KN22 Class A, KN24, IEC/EN/UL 60950-1 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/UL 60950-22, 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
Weight	3.7 kg (8.2 lb)
Dimensions	Ø232 x 280 mm (Ø9.1 x 11.0 in)
Included accessories	Axis High PoE 60 W Midspan 1-port, RJ45 Push-pull Connector (IP66), Sunshield Installation Guide, Windows decoder 1-user license
Optional accessories	Smoked dome cover, AXIS T91A Mounting Accessories AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, Installation Display, 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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental–responsibility

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