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
AXIS Q6044-E PTZ Dome Network Camera

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

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 encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized Certificate Management

Supported protocols
IPv4/IPv6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP/PM, SNMP v1/v2/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP

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/ocap

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

Axios
AXIS High PoE midspan 1-port: 100-240 V AC, max 74 W

Connectors
RU45 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 22 °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 62364-4, 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 60608-2-30, IEC 60608-2-60, IEC 60608-2-78
IEN/EN 60529 IP66, NEMA PS-2-2003 v02.06, Subsection 2.2.7, 2.2.8, 2.2.9, IEC 62262 IKT, ISO 4892-9
Midspan: EN 60950-2, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR

Weight
3.7 kg (8.2 lb)

Dimensions
82.3 x 280 mm (89.1 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/softe

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