AXIS Q6034 PTZ Dome Network Camera

HDTV surveillance with high-speed, 18x-zoom dome for indoor use.

> **HDTV 720p, day/night and H.264**

> **18x zoom and fast pan/tilt**

> **IP52-rated protection against dust and dripping water**

> **High Power over Ethernet (IEEE 802.3at)**

> **Advanced Gatekeeper**

AXIS Q6034 PTZ Dome Camera offers HDTV video, 18x optical zoom and high-speed pan/tilt performance for exceptional coverage of large areas and great detail when zooming in. Designed for easy and reliable indoor installation, it is ideal for use in airports, train stations, casinos, stadiums and shopping malls.

AXIS Q6034 provides HDTV 720p in compliance with SMPTE 296M standard of 1280x720 pixel resolution, full frame rate, HDTV color fidelity and a 16:9 format. The day/night functionality ensures high image quality even in low light conditions. AXIS Q6034 supports multiple H.264 and Motion JPEG video streams. H.264 greatly optimizes bandwidth and storage use without compromising image quality.

AXIS Q6034 provides 18x optical and 12x digital zoom with autofocus. The 18x zoom in combination with the HDTV resolution provides zoomed-in views that offer not only the same level of detail as a 36x-zoom, 4CIF camera, but also the extra advantage of a wider (16:9) field of view.

The IP52-rated camera offers protection against dust and dripping water. Support for High Power over Ethernet (High PoE) simplifies installation since only one cable is required for power, video and PTZ controls. A High PoE midspan is supplied with the camera.

The Advanced Gatekeeper functionality enables the camera to automatically move to a preset position when motion is detected in a pre-defined area.

When an optional multi-connector cable is used, AXIS Q6034 supports two-way audio, I/O ports for external devices and AC/DC power. The camera's SD/SDHC slot enables recordings to be stored locally.
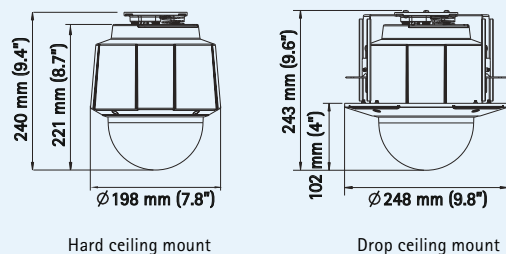
Technical specifications – AXIS Q6034 PTZ Dome Network Camera

Camera

Models	AXIS Q6034 60 Hz, AXIS Q6034 50 Hz
Image sensor	1/3" progressive scan CCD 1.3 megapixel
Lens	f 4.7 – 84.6 mm, F1.6 – 2.8, autofocus, automatic day/night, horizontal angle of view: 55.2° - 3.2°
Minimum illumination	Color: 0.74 lux at 30 IRE F1.6 B/W: 0.04 lux at 30 IRE F1.6
Shutter time	1/10 000 s to 1/4 s
Pan/tilt/zoom	E-flip, 100 preset positions Pan: 360° endless, 0.05 – 450°/s, Tilt: 180°, 0.05 – 450°/s 18x optical zoom and 12x digital zoom, total 216x zoom
Pan/tilt/zoom functionalities	Guard tour, control queue On-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	HDTV 720p 1280x720 to 320x180
Frame rate	H.264: Up to 30/25 fps (60/50 Hz) in all resolutions Motion JPEG: 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/CBR H.264
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance,exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, privacy mask, image freeze on PTZ

Audio

Audio streaming	Two-way
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Input/output	Requires multi-connector cable (not included) for external microphone or line input, and line output

Network

Security	Password protection, IP address filtering, HTTPS encryption*, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com Support for AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, audio detection, auto-tracking, Advanced Gatekeeper
Alarm triggers	Video motion detection, audio detection, auto-tracking, external input, PTZ position, temperature, memory card full
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output, PTZ position, local storage, play audio clip
Video buffer	96 MB pre- and post-alarm

General

Casing	IP52-rated, metal casing (aluminum), acrylic (PMMA) clear dome
Processors and memory	ARTPEC-3, 256 MB RAM, 128 MB Flash
Power	High Power over Ethernet (IEEE 802.3at) AXIS T8123 High PoE Midspan 1-port included: 100-240 V AC 24-34 V DC, max. 17 W; 20-24 V AC, max. 22 VA
Connectors	RJ-45 for 10BASE-T/100BASE-TX PoE Multi-connector (cable not included) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
Local storage	SD/SDHC memory card slot (card is not included)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20 - 80% RH (non-condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, KCC Class B IP52 IEC 60721-4-3 Class 3K3, 3M3, EN/IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, VCCI, CB, KCC, CSA, UL-AR
Weight	Camera: 2.6 kg (5.7 lb.) Camera with drop-ceiling mount: 3.2 kg (7.1 lb.)
Included accessories	AXIS T8123 High PoE Midspan 1-port, mounting kit for hard and drop ceilings, clear and smoked dome cover, Installation Guide, CD with User's Manual, recording software, installation and management tools, Windows decoder 1-user license

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

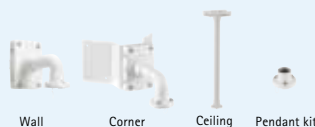**More information is available at www.axis.com**

Dimensions

240 mm (9.4") / 221 mm (8.7")
Ø 198 mm (7.8")
Hard ceiling mount

243 mm (9.6") / 102 mm (4")
Ø 248 mm (9.8")
Drop ceiling mount

Optional accessories

AXIS T91A Mounting Accessories

Wall   Corner   Ceiling   Pendant kit

AXIS T90A Illuminators

AXIS T8310 Video Surveillance Control Board

Multi-connector cable for AC/DC power, I/Os and audio

AXIS Camera Station and video management software from Axis' Application Development Partners. For more information, see www.axis.com/products/video/software/

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