

AXIS Q6045 Mk II PTZ Dome Network Camera

Indoor, high-speed PTZ dome with HDTV 1080p

AXIS Q6045 Mk II is a top-of-the-line PTZ dome with HDTV 1080p, 32x optical zoom, and fast and precise pan/tilt performance for wide area coverage and detailed surveillance at great distances. With endless 360° pan, it can be automatically directed to 256 preset positions using guard tour. It has built-in analytics such as highlight compensation, object removed, fence detector, object counter, enter/exit detection and autotracking. Active Gatekeeper automatically moves the camera to a preset position when motion is detected in a pre-defined area, tracking the detected object. The camera supports two-way audio, audio detection, input/output ports and AC/DC power.

- > **HDTV 1080p and 32x optical zoom**
- > **IP52-rated protection against dust and dripping water**
- > **Shock detection**
- > **Enhanced intelligent video**
- > **Power over Ethernet Plus (IEEE 802.3at)**



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Models	AXIS Q6045 Mk II 60 Hz AXIS Q6045 Mk II 50 Hz	Event triggers	Analytics, Fan, Temperature, Manual trigger, PTZ moving, PTZ preset, Edge storage events
Camera		Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP External output activation Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, Overlay text, Send SNMP trap Play audio clip, Audio recording to edge storage
Image sensor	1/2.8" Progressive Scan CMOS	Data streaming	Event data
Lens	4.44-142.6 mm, F1.6-4.41 Horizontal angle of view: 62.8°-2.23° Vertical angle of view: 36.8°-1.3° Autofocus, Auto-iris	Built-in installation aids	Pixel counter
Day and night	Automatically removable infrared-cut filter	General	
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	Casing	IP52-rated metal casing (aluminum), Acrylic (PMMA) clear dome PVC free
Shutter time	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz	Memory	512 MB RAM, 128 MB Flash Battery backed-up real-time clock
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°-450°/s Tilt: 180°, 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	Power	Axis PoE+ midspan 1-port: 100-240 V AC, max 37 W IEEE 802.3at, Type 2 Class 4 Camera consumption: max 25.5 W Multi-connector cable: 24-34 V DC, max 19 W 20-24 V AC, max 27 VA
Video		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
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG	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
Resolutions	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180	Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
Frame rate	Up to 60/50 fps (60/50 Hz) in HDTV 720p Up to 30/25 fps (60/50 Hz) in HDTV 1080p	Storage conditions	-40 °C to 60 °C (-40 °F to 140 °F)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	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 IEC/EN 60529 IP52, IEC 60721-4-3 Class 3K3, 3M3, IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Image settings	Wide Dynamic Range (WDR): Up to 120 dB depending on scene, 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, highlight compensation, automatic defog	Weight	Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb)
Audio		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)
Audio streaming	Two-way	Included accessories	Axis High PoE Midspan 1-port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Optional accessories	Multi-connector cable, AXIS T91A Mounting Accessories, AXIS T81B22 DC 30W Midspan AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, Installation Display, Multi-user decoder license pack
Audio input/output	Requires multi-connector cable (sold separately) for external microphone or line input, and line output	Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Network		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Security	Password protection, IP address filtering, HTTPS ^s encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Supported protocols	IPv4/v6, HTTP, HTTPS ^s , SSL/TLS ^s , 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, NTCIP	a. <i>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).</i>	
System integration		Environmental responsibility: www.axis.com/environmental-responsibility	
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, specifications at www.onvif.org		
Analytics	Video motion detection, Shock detection, Autotracking, Active Gatekeeper Highlight compensation Basic Analytics (not to be compared with third-party analytics): Object removed, Enter/Exit detector, Fence detector, Object counter, Highlight compensation Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap		