

# 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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<b>Models</b>	AXIS Q6045 Mk II 60 Hz AXIS Q6045 Mk II 50 Hz	<b>Event triggers</b>	Analytics, Fan, Temperature, Manual trigger, PTZ moving, PTZ preset, Edge storage events
<b>Camera</b>		<b>Event actions</b>	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
<b>Image sensor</b>	1/2.8" Progressive Scan CMOS	<b>Data streaming</b>	Event data
<b>Lens</b>	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	<b>Built-in installation aids</b>	Pixel counter
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>General</b>	
<b>Minimum illumination</b>	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	<b>Casing</b>	IP52-rated metal casing (aluminum), Acrylic (PMMA) clear dome PVC free
<b>Shutter time</b>	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz	<b>Memory</b>	512 MB RAM, 128 MB Flash Battery backed-up real-time clock
<b>Pan/Tilt/Zoom</b>	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	<b>Power</b>	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: max 24-34 V DC, max 19 W 20-24 V AC, max 27 VA
<b>Video</b>		<b>Connectors</b>	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
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG	<b>Storage</b>	Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Resolutions</b>	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180	<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
<b>Frame rate</b>	Up to 60/50 fps (60/50 Hz) in HDTV 720p Up to 30/25 fps (60/50 Hz) in HDTV 1080p	<b>Storage conditions</b>	-40 °C to 60 °C (-40 °F to 140 °F)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	<b>Approvals</b>	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
<b>Image settings</b>	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	<b>Weight</b>	Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb)
<b>Audio</b>		<b>Dimensions</b>	Hard-ceiling: Ø198 x 240 mm (Ø7.8 x 9.4 in), Drop-ceiling: Ø248 x 243 mm (Ø9.8 x 9.6 in)
<b>Audio streaming</b>	Two-way	<b>Included accessories</b>	Axis High PoE Midspan 1-port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<b>Optional accessories</b>	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
<b>Audio input/output</b>	Requires multi-connector cable (sold separately) for external microphone or line input, and line output	<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Network</b>		<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>s</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>s</sup> , SSL/TLS <sup>s</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , 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. (<a href="http://www.openssl.org">www.openssl.org</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i>	
<b>System integration</b>		<b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specifications at <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Analytics</b>	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 <a href="http://www.axis.com/acap">www.axis.com/acap</a>		