AXIS Q6045-S Mk II PTZ Network Camera
Pressurized, stainless steel PTZ dome with HDTV 1080p

AXIS Q6045-S Mk II is a high-speed surveillance camera in a pressurized, marine-grade stainless steel casing. With endless 360° pan and 32x optical zoom with autofocus, it provides wide area coverage and detailed surveillance in HDTV 1080p resolution. Highlight compensation masks bright lights for ease of viewing. The stainless steel casing gives the camera high resistance to corrosion, cleaning chemicals and high-pressure steam. The casing can be filled with nitrogen to prevent internal condensation and create a nonflammable environment. The media converter switch allows for daisy chain installation using standard network or fiber optic cables.

> **Marine-grade stainless steel**
> **Casing for pressurized nitrogen**
> **HDTV 1080p and 32x optical zoom**
> **SFP slots for fiber, RJ45 connections**
> **I/O for alarm in/out**

AXIS Q6045-S Mk II PTZ Network Camera

Models	AXIS Q6045-S Mk II 60 Hz AXIS Q6045-S Mk II 50 Hz

Camera

Image sensor	1/2.8" Progressive Scan CMOS
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
Day and night	Automatically removable infrared-cut filter
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
Shutter time	1/33000 s to 1/3 s with 50 Hz 1/33000 s to 1/4 s with 60 Hz
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°-450°/s Tilt: 220°, 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

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG
Resolutions	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180
Frame rate	Up to 60/50 fps (60/50 Hz) in HDTV 720p Up to 30/25 fps (60/50 Hz) in HDTV 1080p
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): 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

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 and ONVIF® Profile G, specification at *www.onvif.org*
Analytics	**Included** AXIS Video Motion Detection, Active Gatekeeper, shock detection, autotracking Basic Analytics (not to be compared with third-party analytics): Object removed, Enter/Exit detector, Fence detector, Object counter, Highlight compensation **Supported** AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Analytics, Fan, Temperature, Manual trigger, PTZ moving, PTZ preset, Edge storage events
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
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP6K9K-, IP66-, IP67-, NEMA 4X-, NEMA 6P- and IK10-rated[b] stainless steel casing (V4A, SAE 316L/UNS S31603/EN 1.4432), Nylon clear dome
Memory	512 MB RAM, 128 MB Flash Battery backed-up real-time clock
Power	**Multi-connector cable:** 12.0-13.2 V DC, min 75 W
Connectors	RJ45 10BASE-T/100BASE-TX, IP66-rated multi-connector for DC power, input and output, including 7 m (23 ft) cable
Storage	Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10-100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °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, RCM 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, IP67, IP6K9K, NEMA 250 Type 6P, MIL-STD 810G 509.5
Weight	5.7 kg (12.6 lb)
Dimensions	Without sunshield: Ø224 x 256 mm (Ø8.8 x 10.1 in), With sunshield: Ø250 x 256 mm (Ø9.8 x 10.1 in)
Included accessories	AXIS T8605 Media Converter Switch, 7 m (23 ft) IP66-rated multi-connector cable Installation Guide, Windows decoder 1-user license
Optional accessories	Power supply, SFP modules, AXIS T91C67 Pole Bracket, AXIS T91C61 Wall Mount, AXIS T94S01D Pendant kit (1 1/2" NPT male Thread Adapter), Smoked dome cover, Stainless steel sunshield, AXIS P8221 Network I/O Audio Module AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, AXIS T8415 Wireless Installation Tool, Multi-user decoder license pack For more accessories, see *www.axis.com*
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/support/downloads*
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).*
b. *Except valves on top*

Environmental responsibility:

www.axis.com/environmental-responsibility

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