AXIS Q6055-S PTZ Network Camera

Outdoor-ready, stainless steel PTZ with HDTV 1080p and Zipstream

AXIS Q6055-S is a pressurized, marine-grade stainless steel PTZ camera with HDTV 1080p and 32x optical zoom. Fast and precise pan/tilt for wide area coverage and detailed surveillance at great distances. The high light sensitivity and day/night functionality ensure high image quality even in low-light conditions, while Axis Zipstream technology reduces bandwidth and storage requirements. The stainless steel casing gives high resistance to corrosion, cleaning chemicals and high-pressure steam. The casing can be filled with nitrogen to prevent internal condensation and create a non-flammable environment. The media converter switch enables 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 Zipstream**

AXIS Q6055-S PTZ Network Camera

Models	AXIS Q6055-S 60 Hz AXIS Q6055-S 50 Hz

Camera

Image sensor	1/2.8" progressive scan CMOS
Lens	4.44–142.6 mm, F1.6–4.41 Horizontal field of view: 62.8°–2.23° Vertical field 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, Main and High Profiles Motion JPEG
Resolution	HDTV 1080p 1920x1080 to 320x180 HDTV 720p 1280x720 to 320x180
Frame rate	Up to 50/60 fps (50/60 Hz) in HDTV 720p Up to 25/30 fps (50/60 Hz) in HDTV 1080p
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ, automatic defog, backlight compensation Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation

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, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP

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 *onvif.org*
Analytics	AXIS Video Motion Detection, Autotracking, Active Gatekeeper, AXIS Fence Guard, AXIS Motion Guard 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*
Event triggers	Detectors: live stream accessed, video motion detection, shock detection Object removed, enter/exit detector, fence detector, object counter Hardware: fan, network, temperature PTZ: autotracking, error, moving, ready, preset reached Storage: disruption, recording
	System: system ready Time: recurrence, use schedule Input signal: manual trigger, virtual input, digital input
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP External output activation
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, 256 MB Flash
Power	Camera consumption: min 65 W Min required power supply: 24 V DC, 3.2 A (75 W) Recommended power supply: AXIS T8008 PS24
Connectors	IP66-rated multiconnector for DC power, RJ45 10BASE-T/100BASE-TX and I/O, 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 (-67 °F to 122 °F) **Maximum temperature (intermittent):** 60 °C (140 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 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 32 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 60950-1 IEC/EN/UL 60950-22 Environment 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 60529 IP66, IP67, IP6K9K, NEMA 250 Type 6P, MIL-STD 810G 509.5
Weight	6.0 kg (13 lb)
Dimensions	Ø224 x 256 mm (Ø8 13/16 x 10 1/16 in)
Included accessories	AXIS T8607 Media Converter Switch, 7 m (23 ft) IP66-rated multicable Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS T8008 PS24, AXIS T94A02D Pendant Kit, AXIS T91K61 Wall Mount, AXIS Q60-S Smoked Dome AXIS T91 Mounting Accessories, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, multi-user decoder license pack
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/vms*
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.*

AXIS T8607 Media Converter Switch

General	
Casing	Metal Color: White NCS S 1002-B
Power	24 V DC, max 4 W (power supply not included)
Connectors	2x RJ45 connectors (10/100 Mbps) (Use shielded cables (STP) CAT5 or higher.) 2x SFP connectors (100/1000 Mbps) for SFP fiber optic modules or SFP to copper modules 1x power 2x configurable alarm input/output ports Camera multicable
Display and indicators	Power LED indicator Camera network LED indicator Network LED indicator (4x)
Compliance	RoHS, REACH, WEEE, CE, EN 50022, IEC 60715, AS 2756
Mounting	DIN Rail mount
Environment	Indoor/Cabinet
Operating conditions	-40 °C to 75 °C (-40 °F to 167 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 75 °C (-40 °F to 167 °F) Humidity 10-85% RH (non-condensing)
Approvals	**EMC** 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, KCC KN22 Class A, KN24 **Safety** IEC/EN 60950-1
Dimensions	150 x 100 x 30 mm (5 15/16 x 3 15/16 x 1 3/16 in)
Weight	284 g (0.63 lb)
Included accessories	Bracket Mount DIN Clip
Warranty	Axis 3-year warranty, see www.axis.com/warranty

Environmental responsibility:

www.axis.com/environmental-responsibility

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