AXIS Q6055-C PTZ Network Camera
High-speed PTZ with active cooling and Zipstream

AXIS Q6055-C provides high video quality and performance surveillance in environments with high ambient temperatures and solar radiation. With its built-in active cooling system, it can operate in temperatures up to 75 °C (167 °F). It meets the tough MIL-STD-810G standard, ensuring reliable operation in harsh weather conditions such as sandstorms. In fog, automatic defog provides clearer video. AXIS Q6055-C offers HDTV 1080p and 32x optical zoom with autofocus, day/night functionality, shock detection and enhanced capacity for intelligent video. Built-in analytics include auto-tracking, Active Gatekeeper, fence detector, object removed and enter/exit detection.

> Operates in temperatures up to 75 °C (167 °F)
> Outdoor-ready, MIL-STD-810G compliant
> HDTV 1080p and 32x optical zoom
> SFP slots for fiber, RJ45 connections and I/O for alarm in/out
> Axis Zipstream
AXIS Q6055-C PTZ Network Camera

Models
AXIS Q6055-C 60 Hz
AXIS Q6055-C 50 Hz

Camera
Image sensor
1/2.8” progressive scan CMOS

Lens
4.44–142.6 mm, F:1.6–4.4
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 lx at 30 IRE F1.6
B/W: 0.03 lx at 30 IRE F1.6
Color: 0.5 lx at 50 IRE F1.6
B/W: 0.04 lx 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 32x180
HDTV 720p 1280x720 to 32x180

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® encryption,
IEEE 802.1X® network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection

Supported protocols
IPv4, IPv6 USGv6, HTTP, HTTPS®, SSL/TLS, QoS Layer 3 DiffServ,
FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II),
DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, ICMP, RTCP,
ICMP, DHCP, ARP, SOCKS, SSH, NTCP, 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
Included
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 Supported
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
IP66-, NEMA 4X- and IK10-rated
Metal casing (aluminum), polycarbonate (PC) clear dome,
sunshield (PC/ASA)

Memory
512 MB RAM, 256 MB Flash

Power
24 V DC
Camera consumption: min 65 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
-20 °C to 75 °C (-4 °F to 167 °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 62336-4, IEC 60608-2-1, IEC 60608-2-2,
IEC 60608-2-6, IEC 60608-2-14, IEC 60608-2-27,
NEMA 250 Type 4X
IEC/EN 60529 IP66
MIL-STD-810G 500.5 - Low pressure, 501.5 - High temperature,
502.5 - Low temperature, 503.5 - Temperature shock, 505.5 -
Solar radiation, 506.5 - Rain, 507.5 - Humidity, 509.5 - Salt fog,
510.5 - Sand and dust

Network
NIS1 SP500-267

Weight
6 kg (13 lb)

Dimensions
Ø302 x 330 mm (12 x 13 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, SFP modules, smoked dome cover
AXIS T91 Mounting Accessories, AXIS T8415 Wireless Installation Tool, AXIS T91 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. Protected against entry of sand and dust. Clear/smoked dome cover may need to be replaced if exposed to sandblasts.
# AXIS T8607 Media Converter Switch

## General
- **Casing**: Metal
  - Color: White NCS 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 axis.com/warranty

Environmental responsibility:
axis.com/environmental-responsibility

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