

## AXIS Q6055-E PTZ Dome Network Camera

Outdoor-ready PTZ with HDTV 1080p, 32x zoom and Zipstream

AXIS Q6055-E is a top-of-the-line, outdoor-ready PTZ dome with HDTV 1080p, 32x optical zoom, and 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. With guard tour, it is possible to direct the camera automatically to 256 preset positions. Arctic Temperature Control ensures safe startup in extreme cold. AXIS Q6055-E offers shock detection, automatic defog, and built-in video analytics, such as highlight compensation, object removed, enter/exit detection, autotracking, and Active Gatekeeper.

- > [HDTV 1080p and 32x optical zoom](#)
- > [Axis' Zipstream technology](#)
- > [Built-in video analytics](#)
- > [Arctic Temperature Control](#)
- > [Vandal-resistant](#)



# AXIS Q6055-E PTZ Dome Network Camera

|  |   |                                   |   |
|--|---|-----------------------------------|---|
| <b>Models</b>                            | AXIS Q6055-E 60 Hz<br>AXIS Q6055-E 50 Hz  | <b>Event actions</b>              | Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>File upload via FTP, SFTP, HTTP, HTTPS network share and email<br>Notification via email, HTTP, HTTPS and TCP   |
| <b>Camera</b>                            |   | <b>Data streaming</b>             | Event data  |
| <b>Image sensor</b>                      | 1/2.8" progressive scan CMOS  | <b>Built-in installation aids</b> | Pixel counter   |
| <b>Lens</b>                              | 4.44–142.6 mm, F1.6–4.41<br>Horizontal angle of view: 62.8°–2.23°<br>Vertical angle of view: 36.8°–1.3°<br>Autofocus, auto-iris   | <b>General</b>                    |   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   | <b>Casing</b>                     | IP66-, NEMA 4X- and IK10-rated<br>Metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)  |
| <b>Minimum illumination</b>              | Color: 0.3 lux at 30 IRE F1.6<br>B/W: 0.03 lux at 30 IRE F1.6<br>Color: 0.5 lux at 50 IRE F1.6<br>B/W: 0.04 lux at 50 IRE F1.6  | <b>Sustainability</b>             | PVC free  |
| <b>Shutter time</b>                      | 1/33000 s to 1/3 s with 50 Hz<br>1/33000 s to 1/4 s with 60 Hz  | <b>Memory</b>                     | 512 MB RAM, 128 MB Flash  |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless, 0.05° – 450°/s<br>Tilt: 220°, 0.05°–450°/s<br>32x optical zoom and 12x digital zoom, total 384x zoom<br>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 High PoE midspan 1–port: 100–240 V AC, max 74 W<br>Camera consumption: typical 16 W, max 60 W  |
| <b>Video</b>                             |   | <b>Connectors</b>                 | RJ45 10BASE-T/100BASE-TX PoE, RJ45 Push-pull Connector (IP66) included  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG  | <b>Storage</b>                    | Support for SD/SDHC/SDXC card<br>Support for recording to dedicated network-attached storage (NAS)<br>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<br>HDTV 720p 1280x720 to 320x180  | <b>Operating conditions</b>       | With 30 W midspan: -20 °C to 50 °C (-4 °F to 122 °F)<br>With 60 W midspan: -50 °C to 50 °C (-58 °F to 122 °F)<br>Maximum temperature (intermittent): 60 °C (140 °F)<br>Arctic Temperature Control: Start-up as low as -40 °C (-40 °F)<br>Humidity 10–100% RH (condensing)   |
| <b>Frame rate</b>                        | Up to 60/50 fps (60/50 Hz) in HDTV 720p<br>Up to 30/25 fps (60/50 Hz) in HDTV 1080p   | <b>Storage conditions</b>         | -40 °C to 65 °C (-40 °F to 149 °F)  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis' Zipstream technology<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264  | <b>Approvals</b>                  | EMC<br>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 KN32 Class A, KN35<br>Safety<br>IEC/EN/UL 60950-1<br>IEC/EN/UL 60950-22<br>Environment<br>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, IEC 60721-4-3, NEMA 250 Type 4X, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA TS-2-2003 v02.06, Subsection 2.2.7, 2.2.8, 2.2.9; IEC 62262 IK10, ISO 4892-2<br>Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR |
| <b>Image settings</b>                    | 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<br>Wide Dynamic Range (WDR): Up to 120 dB depending on scene, highlight compensation                      | <b>Weight</b>                     |   |
| <b>Network</b>                           |   | 3.7 kg (8.2 lb)                   |   |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management   | <b>Dimensions</b>                 | Ø232 x 280 mm (Ø9.1 x 11.0 in)  |
| <b>Supported protocols</b>               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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, NTCP   | <b>Included accessories</b>       | Axis High PoE 60 W midspan 1–port, RJ45 Push-pull Connector (IP66), Sunshield<br>Installation Guide, Windows decoder 1-user license   |
| <b>System integration</b>                |   | <b>Optional accessories</b>       | Smoked dome cover<br>AXIS T91 Mounting Accessories, AXIS T8415 Wireless Installation Tool, AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, Multi-user decoder license pack  |
| <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><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>   | <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>Analytics</b>                         | Video motion detection, Autotracking, Active Gatekeeper Basic Analytics (not to be compared with third-party analytics): Object removed, Enter/Exit detector, Fence detector, Object counter<br>Highlight compensation<br>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>                    | <b>Languages</b>                  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese   |
| <b>Event triggers</b>                    | Detectors: Live stream accessed, Video motion detection, Shock detection<br>Object removed, Enter/Exit detector, Fence detector, Object counter<br>Hardware: Fan, Network, Temperature, Casing open<br>PTZ: Autotracking, Error, Moving, Ready, Preset Reached<br>Storage: Disruption, Recording<br>System: System Ready<br>Time: Recurrence, Use Schedule<br>Input signal: Manual trigger, Virtual input | <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>  |

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)