

## AXIS Q6124-E

### HDTV 720p with Sharpdome technology and Lightfinder

AXIS Q6124-E PTZ Network Camera is a compact and outdoor-ready camera delivering smooth HDTV 720p video at 50/60 fps, with 30x optical zoom and autofocus. With a quick and precise pan performance of over 700°/s, it is easy to change viewing position and follow fast-moving objects. Axis Sharpdome technology provides full scene fidelity and sharp images in all directions – above as well as below the horizon. Equipped with both Lightfinder and WDR – dynamic capture, AXIS Q6124-E provides accurate surveillance in challenging light. The speed dry function ensures sharp images also in rainy weather.

- > [HDTV 720p and 30x optical zoom](#)
- > [Pan performance 700°/s](#)
- > [Sharpdome technology](#)
- > [WDR – dynamic capture](#)
- > [Axis Zipstream technology](#)



# AXIS Q6124-E

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| <b>Models</b>                            | AXIS Q6124-E 50 Hz<br>AXIS Q6124-E 60 Hz   | Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email<br>Notification: email, HTTP, HTTPS, TCP, and SNMP trap<br>PTZ: PTZ preset, guard tour, autotracking<br>Overlay text, day/night mode |
| <b>Camera</b>                            |  |  |
| <b>Image sensor</b>                      | 1/3" Progressive Scan CMOS   |  |
| <b>Lens</b>                              | 4.3–129 mm, F1.6–4.7<br>Horizontal field of view: 58.3°–2.1°<br>Vertical field of view: 34.9°–1.3°<br>Autofocus, auto-iris   |  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter  |  |
| <b>Minimum illumination</b>              | Color: 0.15 lux at 30 IRE F1.6<br>B/W: 0.008 lux at 30 IRE F1.6<br>Color: 0.18 lux at 50 IRE F1.6<br>B/W: 0.01 lux at 50 IRE F1.6  |  |
| <b>Shutter time</b>                      | 1/10000 s to 1 s   |  |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless, 0.05°–700°/s<br>Tilt: +20 to -90°, 0.05°–500°/s<br>Zoom: 30x optical, 12x digital, total 360x zoom<br>Nadir flip, 256 preset positions, tour recording (max 10, max duration 16 minutes each), guard tour (max 100), control queue, on-screen directional indicator, set new pan 0°, adjustable zoom speed, speed dry   |  |
| <b>Video</b>                             |  |  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG   |  |
| <b>Resolution</b>                        | 1280x720 (HDTV 720p) to 320x180  |  |
| <b>Frame rate</b>                        | Up to 25/30 fps or 50/60 fps (50/60 Hz) in all resolutions and H.264   |  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264   |  |
| <b>Image settings</b>                    | Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, rotation, fine tuning of behavior at low light, electronic image stabilization (EIS), manual shutter time, text and image overlay, image freeze on PTZ, scene profiles, focus recall<br>Defogging, backlight compensation<br>WDR – dynamic capture: 130 dB<br>Highlight compensation<br>32 individual 3D privacy masks   |  |
| <b>Network</b>                           |  |  |
| <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>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, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP   |  |
| <b>System integration</b>                |  |  |
| <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 <sup>®</sup> Profiles S and G, specifications at <a href="http://www.onvif.org">www.onvif.org</a>   |  |
| <b>Analytics</b>                         | AXIS Video Motion Detection<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>Event triggers</b>                    | Detectors: live stream accessed, motion detection, shock detection<br>Hardware: network, temperature<br>Input Signal: manual trigger, virtual inputs<br>PTZ: autotracking, error, moving, preset reached, ready<br>Storage: disruption, recording<br>System: system ready<br>Time: recurrence, use schedule  |  |
| <b>Event actions</b>                     | Record video: SD card and network share<br>Pre- and post-alarm video or image buffering for recording or upload  |  |
| <b>Data streaming</b>                    | Event data   |  |
| <b>Built-in installation aids</b>        | Pixel counter  |  |
| <b>General</b>                           |  |  |
| <b>Casing</b>                            | IK08, IP66- and NEMA 4X-rated<br>Repaintable metal casing (aluminum), Polycarbonate (PC) clear dome with Sharpdome technology  |  |
| <b>Sustainability</b>                    | PVC free   |  |
| <b>Memory</b>                            | 1 GB RAM, 256 MB Flash   |  |
| <b>Power</b>                             | Axis High PoE midspan 1–port: 100–240 V AC, max 74 W<br>Camera consumption: typical 10 W, max 51 W<br>Axis PoE+ midspan 1–port: 100–240 V AC, max 37 W<br>IEEE 802.3at Type 2 Class 4<br>Camera consumption: typical 10 W, max 25 W  |  |
| <b>Connectors</b>                        | RJ45 10BASE-T/100BASE-TX PoE<br>RJ45 Push-pull Connector (IP66)  |  |
| <b>Storage</b>                           | Support for SD/SDHC/SDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>   |  |
| <b>Operating conditions</b>              | With 30 W midspan: -20 °C to 50 °C (-4 °F to 122 °F)<br>With 60 W midspan: -55 °C to 50 °C (-67 °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>Storage conditions</b>                | -40 °C to 70 °C (-40 °F to 158 °F)   |  |
| <b>Approvals</b>                         | EMC<br>EN 55032 Class A, EN 55024, EN 50121-4, IEC 62236-4, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR32 Class A<br>KCC KN32 Class A, KN35<br>Safety<br>IEC/EN/UL 60950-1, IEC/EN/UL 60950-22<br>Environment<br>IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-30, ISO4892-2<br>Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR |  |
| <b>Dimensions</b>                        | With mounting hook:<br>274 x 165 x 165 mm (10 13/16 x 6 1/2 x 6 1/2 in)<br>Without mounting hook:<br>256 x 165 x 165 mm (10 1/16 x 6 1/2 x 6 1/2 in)   |  |
| <b>Weight</b>                            | 2.8 kg (6.2 lb)  |  |
| <b>Included accessories</b>              | IP66-rated RJ45 connector kit, AXIS T8154 60W SFP Midspan, installation guide, Windows decoder 1-user license  |  |
| <b>Optional accessories</b>              | AXIS T91/T94 Mounting Accessories, Axis High PoE midspans<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a>  |  |
| <b>Video management software</b>         | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>   |  |
| <b>Languages</b>                         | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |  |
| <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)