

## AXIS Q6315-LE PTZ Network Camera

High-end outdoor-ready HDTV 1080p PTZ camera with quick-zoom and laser focus

AXIS Q6315-LE is a high-speed PTZ camera offering HDTV 1080p resolution. It features IR illumination and day/night functionality for surveillance in pitch darkness. With 31x optical zoom, laser focus for precise focus and quick-zoom functionality, it allows you to easily follow fast-moving objects. It includes orientation aid and autotracking 2 with click and track functionality. Privacy masking with mosaic lets you pixelate whole areas of the scene. Plus, with chameleon masking, it automatically changes the color in the masking depending on the background color of the image. Furthermore, the TPM module ensures secure storage of all cryptographic keys and certificates.

- > **1/2" sensor with 31x optical zoom**
- > **IR illumination, D/N functionality**
- > **Autotracking 2 and orientation aid**
- > **Laser focus for precise focus with quick-zoom <1 sec zoom speed**
- > **TPM, FIPS 140-2 level 2 certified**



# AXIS Q6315-LE PTZ Network Camera

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| <b>Models</b>                            | AXIS Q6315-LE 50 Hz<br>AXIS Q6315-LE 60 Hz  | Video: average bitrate degradation, day-night mode, live stream open  |
| <b>Camera</b>                            |   | <b>Event actions</b>  |
| <b>Image sensor</b>                      | 1/2" progressive scan CMOS  | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email<br>Pre- and post-alarm video or image buffering for recording or upload<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>Overlay text, day/night mode<br>WDR mode<br>IR illumination   |
| <b>Lens</b>                              | Focal length: 6.91 – 214.64 mm, F1.36 – F4.6<br>Horizontal field of view: 60.6° – 2.0°<br>Vertical field of view: 36.5° – 1.1°<br>Laser focus, autofocus, P-iris<br>Zoom speed: <1 sec between any zoom value   | <b>Data streaming</b>   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   | Event data  |
| <b>Minimum illumination</b>              | Color: 0.06 lux at 30 IRE, F1.36<br>B/W: 0.001 lux at 30 IRE, F1.36, 0 lux with IR illumination on<br>Color: 0.09 lux at 50 IRE, F1.36<br>B/W: 0.008 lux at 50 IRE, F1.36, 0 lux with IR illumination on  | <b>Analytics</b>  |
| <b>Shutter speed</b>                     | 1/111000 s to 1/2 s with 50 Hz<br>1/111000 s to 1/2 s with 60 Hz  | <b>Compute capabilities</b>   |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless, 0.05° – 550°/s<br>Tilt: +20 to -90°, 0.05° – 500°/s<br>Zoom: 31x optical, 12x digital, Total 372x zoom<br>Quick-zoom, nadir flip, 300 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>AXIS Object Analytics</b>  |
| <b>Video</b>                             |   | Object classes: humans, vehicles<br>Trigger conditions: line crossing, object in area<br>Up to 10 scenarios<br>Metadata visualized with color-coded bounding boxes<br>Polygon include/exclude areas<br>Perspective configuration<br>ONVIF Motion Alarm event  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>H.265 (MPEG-H Part 2/HEVC) Main Profile<br>Motion JPEG   | <b>Applications</b>   |
| <b>Resolution</b>                        | 1920x1080 (HDTV 1080p) to 320x180   | Included<br>AXIS Object Analytics<br>AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard<br>AXIS Video Motion Detection, AXIS OSDI Zone, Orientation Aid<br>PTZ, advanced gatekeeper, autotracking 2<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>  |
| <b>Frame rate</b>                        | Up to 50/60 fps (50/60 Hz) in all resolutions   | <b>General</b>  |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264, H.265 and Motion JPEG<br>Axis Zipstream technology in H.264 and H.265<br>Controllable frame rate and bandwidth<br>VBR/ABR/MBR H.264/H.265<br>Video streaming indicator  | <b>Casing</b>   |
| <b>Image settings</b>                    | Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, image freeze on PTZ, scene profiles, rotation, electronic image stabilization (EIS), defogging<br>Contrast, local contrast, autofocus, Forensic WDR: Up to 120 dB depending on scene, 32 individual polygon privacy masks including mosaic and chameleon privacy masks  | IP66-, IP67, NEMA 4X- and IK10-rated<br>Color: white NCS S 1002-B<br>Repaintable metal casing (aluminum), hard coated Polycarbonate (PC) clear dome with Sharpdome technology   |
| <b>Network</b>                           |   | <b>Sustainability</b>   |
| <b>Security</b>                          | Password protection, multi-level user, IP address filtering, HTTPS <sup>3</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>3</sup> , network access control, user access log, digest authentication, centralized certificate management, brute force delay protection, signed firmware, secure boot, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module  | PVC free  |
| <b>Supported protocols</b>               | IPv4, IPv6 USGv6, HTTP, HTTPS <sup>3</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, RTCP, DHCP, SOCKS, SSH, NTCIP, MQTT v3.1.1, Syslog  | <b>Memory</b>   |
| <b>System integration</b>                |   | 1024 MB RAM, 512 MB Flash   |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a><br>One-Click Cloud Connection<br>ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>   | <b>Power</b>  |
| <b>Onscreen controls</b>                 | IR illumination<br>Quick-zoom<br>Enable/disable all privacy masks<br>Speed dry  | Axis High PoE 60 W SFP midspan 1-port:<br>100-240 V AC, max 1.5 A<br>IEEE802.3bt Type 3 Class 6<br>Camera consumption: typical 17 W (no IR), max 51 W   |
| <b>Event conditions</b>                  | Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature<br>Edge storage: recording ongoing, storage disruption<br>I/O: manual trigger, virtual input<br>PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready<br>Scheduled and recurring: scheduled event | <b>Connectors</b>   |
|  |   | RJ45 10BASE-T/100BASE-TX/1000BASE-T<br>RJ45 Push-pull Connector (IP66)  |
|  |   | <b>IR illumination</b>  |
|  |   | OptimizedIR with power-efficient, long-life 850 nm IR LEDs<br>Range of reach 300 m (984 ft) or more depending on the scene  |
|  |   | <b>Storage</b>  |
|  |   | Support for SD/SDHC/DXC card<br>Support for SD card encryption (AES-XTS-Plain64 256bit)<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>  |
|  |   | <b>Operating conditions</b>   |
|  |   | -50 °C to 50 °C (-58 °F to 122 °F)<br>Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)<br>Arctic Temperature Control: Start-up as low as -40 °C (-40 °F)<br>Start-up temperature: -40 °C (-40 °F)<br>Humidity 10-100% RH (condensing)   |
|  |   | <b>Storage conditions</b>   |
|  |   | -40 °C to 70 °C (-40 °F to 158 °F)<br>Humidity 5-95% RH (non-condensing)  |
|  |   | <b>Approvals</b>  |
|  |   | EMC<br>EN 55032 Class A, EN 55035, 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-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, CISPR 35, EAC, EN 50121-4, KC KN32 Class A, KC KN35<br>Safety<br>IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, IEC/EN 62471 risk group 2, IEC 60825-1 Class 1<br>Environment<br>IEC/EN 62262 IK10, IEC/EN 60529 IP66, NEMA 250, Type 4X, NEMA TS 2 (2.2.7-2.2.9), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, ISO 21207 (Method B) |

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|                             | <b>Network</b><br>NIST SP500-267  | <b>Video management software</b>   | AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a> |
| <b>Dimensions</b>           | Height: 261 mm (10.3 in)<br>With weather shield: ø 239 mm (9.4 in)<br>Without weather shield: ø 192 mm (7.6 in)   | <b>Languages</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese                                     |
| <b>Weight</b>               | 4 800 g (10.6 lb)   | <b>Warranty</b>  | 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>   |
| <b>Included accessories</b> | Installation guide, Windows® decoder 1-user license, 60 W Midspan (including power cable), IP66 rated network connector, repaint template, paint paper                    | a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).</i> |   |
| <b>Optional accessories</b> | AXIS T91/T94 Mounting Accessories<br>AXIS T8415 Wireless Installation Tool<br>AXIS Surveillance Cards<br>For more accessories, see <a href="http://axis.com">axis.com</a> | Environmental responsibility:<br><a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>  |   |