

# AXIS Q6215-LE PTZ Network Camera

## Heavy-duty PTZ camera with OptimizedIR

AXIS Q6215-LE PTZ Network Camera has a 1/2-inch sensor and combines great image quality with fast panning, tilting, and zooming. Its powerful, built-in IR illumination allows for an impressive viewing range in total darkness (up to 400 m or 1300 ft). This camera is ideal for open-area surveillance, since its robust design can withstand the toughest weather conditions including wind speed up to 245 km/h (150 mph). AXIS Q6215-LE is compliant with IP66, IP68, IK10, and NEMA 4X. It can be mounted facing up or down and comes equipped with a wiper to remove excess water, rain, or snow.

- > [HDTV 1080p with 30x zoom](#)
- > [Long-range OptimizedIR](#)
- > [MIL-STD-810G compliant](#)
- > [AXIS Guard Suite analytics](#)
- > [Zipstream, Lightfinder, and WDR](#)



# AXIS Q6215-LE PTZ Network Camera

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| <b>Camera</b>                            |  |
| <b>Image sensor</b>                      | 1/1.9" progressive scan RGB CMOS   |
| <b>Lens</b>                              | Zoom lens, 6.7–201 mm, F1.6–5.3<br>Horizontal field of view: 58.6°–2.2°<br>Vertical field of view: 34.1°–1.2°<br>Autofocus, automatic day/night  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter  |
| <b>Minimum illumination</b>              | Color: 0.07 lux at 30 IRE F1.6<br>B/W: 0.008 lux at 30 IRE F1.6, 0 lux with built-in IR illumination<br>Color: 0.1 lux at 50 IRE F1.6<br>B/W: 0.01 lux at 50 IRE F1.6, 0 lux with built-in IR illumination   |
| <b>Shutter speed</b>                     | 1/30000 s to 1/6 s   |
| <b>Pan/Tilt/Zoom</b>                     | Pan: 360° endless, 0.05°/s to 150°/s<br>Tilt: -90° to +90°, 0.05°/s to 150°/s<br>Zoom: 30x optical zoom, 21x digital zoom<br>Preset accuracy: 0.10°<br>256 preset positions, tour recording, guard tour, control queue, orientation aid PTZ  |
| <b>Video</b>                             |  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC), H.264 Main, High and Baseline Profiles<br>Motion JPEG  |
| <b>Resolution</b>                        | 1920x1080 HDTV 1080p to 320x180  |
| <b>Frame rate</b>                        | Up to 60/50 fps (60/50 Hz) in all resolutions  |
| <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/ABR/MBR H.264   |
| <b>Image settings</b>                    | Saturation, brightness, sharpness, noise reduction, WDR – up to 110 dB depending on scene, white balance, day-night shift priority, exposure mode, manual shutter time, defogging, backlight compensation, highlight compensation, compression, fine tuning of low-light behavior, text and image overlay, privacy masks, electronic image stabilization (EIS) <sup>a</sup>  |
| <b>Network</b>                           |  |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>b</sup> network access control, digest authentication, user access log, centralized certificate management, brute force delay protection  |
| <b>Supported protocols</b>               | IPv4/v6, HTTP, HTTP/2, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, NTCIP, MQTT v3.1.1, Syslog  |
| <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://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>Event triggers</b>                    | Analytics, edge storage events, virtual inputs through API<br>Detectors: day/night mode, live stream accessed, shock detection<br>Hardware: fan, network, temperature<br>Input Signal: virtual inputs, manual trigger<br>PTZ: autotracking, error, moving, preset reached, ready<br>Storage: disruption, recording<br>System: system ready<br>Time: use schedule   |
| <b>Event actions</b>                     | 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, and TCP<br>PTZ: PTZ preset, start/stop guard tour, autotracking<br>Overlay text, day/night mode   |
| <b>Data streaming</b>                    | Event data   |
| <b>Built-in installation aids</b>        | Pixel counter<br>Automatic orientation   |
| <b>Analytics</b>                         |  |
| <b>Applications</b>                      | Included<br>AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard<br>AXIS Video Motion Detection, autotracking, gatekeeper<br>Supported<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>General</b>                           |  |
| <b>Cybersecurity</b>                     | Signed firmware  |
| <b>Casing</b>                            | IP66-, IP68-, NEMA 4X- and IK10-rated aluminum casing<br>Color: urban grey NCS S 5502-B<br>Wiper included (silicone wiper blade)   |
| <b>Sustainability</b>                    | PVC free   |
| <b>Memory</b>                            | 1024 MB RAM, 512 MB Flash  |
| <b>Power</b>                             | High PoE 95 W midspan 1-port: 100–240 V AC, max 1.35 A<br>IEEE 802.3bt Type 4 Class 8<br>Camera consumption: typical 25 W, max 71 W  |
| <b>Connectors</b>                        | RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE  |
| <b>IR illumination</b>                   | Optimized IR with power-efficient, long-life 850 nm IR LEDs<br>Range of reach 400 m (1300 ft) or more depending on the scene   |
| <b>Storage</b>                           | Support for SD/SDHC/SDXC card<br>Support for SD card encryption (AES-XTS-Plain64 256bit)<br>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 55 °C (-58 °F to 131 °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>Humidity 10–100% RH (condensing)<br>Wind load (sustained): 68 m/s (150 mph)  |
| <b>Storage conditions</b>                | -40 °C to 65 °C (-40 °F to 149 °F)   |
| <b>Approvals</b>                         | EMC<br>EN 55032 Class A, EN 50121-4, EN 61000-3-2, EN 61000-3-3, EN 55024, 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 CISPR 32 Class A, KC KN32 Class A, KC KN35<br>Safety<br>IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 risk group 2, IS 13252<br>Environment<br>IEC/EN 60529 IP66/IP68, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), IEC/EN 62262 IK10, MIL-STD-810G (Method 501.5, 502.5, 506.5, 509.5, 521.3), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78<br>Network<br>NIST SP500-267<br>Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB |
| <b>Dimensions</b>                        | 210 x 330 x 313 mm (4 5/16 x 13 x 12 5/16 in)  |
| <b>Weight</b>                            | 8.7 kg (19.3 lb)   |
| <b>Included accessories</b>              | Installation Guide, Windows <sup>®</sup> decoder 1-user license, IK10 bumper, High PoE Midspan 1-port, RJ45 connector push pull plug   |
| <b>Optional accessories</b>              | AXIS T95A64 Corner Bracket<br>AXIS T98A15-VE Media Converter Cabinet A<br>For more accessories, see <a href="http://axis.com">axis.com</a>   |
| <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>Languages</b>                         | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
| <b>Warranty</b>                          | 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>  |

- a. EIS and privacy masks cannot be used simultaneously.  
b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([openssl.org](http://openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

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