AXIS Q6215-LE PTZ Network Camera

Heavy-duty PTZ camera with OptimizedIR

AXIS Q6215-LE PTZ Network Camera has a ½-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**

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Camera

Image sensor	1/1.9" progressive scan RGB CMOS
Lens	Zoom lens, 6.7–201 mm, F1.6–5.3 Horizontal field of view: 58.6°–2.2° Vertical field of view: 34.1°–1.2° Autofocus, automatic day/night
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.07 lux at 30 IRE F1.6 **B/W:** 0.008 lux at 30 IRE F1.6, 0 lux with built-in IR illumination **Color:** 0.1 lux at 50 IRE F1.6 **B/W:** 0.01 lux at 50 IRE F1.6, 0 lux with built-in IR illumination
Shutter speed	1/30000 s to 1/6 s
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°/s to 150°/s Tilt: -90° to +90°, 0.05°/s to 150°/s Zoom: 30x optical zoom, 21x digital zoom Preset accuracy: 0.10° 256 preset positions, tour recording, guard tour, control queue, orientation aid PTZ

System on chip (SoC)

Model	ARTPEC-6
Memory	1024 MB RAM, 512 MB Flash

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Main, High and Baseline Profiles Motion JPEG
Resolution	1920x1080 HDTV 1080p to 320×180
Frame rate	Up to 60/50 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Image settings	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)[a]

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1x (EAP-TLS)[b] network access control, digest authentication, user access log, centralized certificate management, brute force delay protection
Network protocols	IPv4/v6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS[b], TLS[b], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, NTCIP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform, specifications at *axis.com* One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at *onvif.org*
Event triggers	Analytics, edge storage events, virtual inputs through API Detectors: day/night mode, live stream accessed, shock detection Hardware: fan, network, temperature Input Signal: virtual inputs, manual trigger MQTT subscribe PTZ: autotracking, error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: use schedule
Event actions	Record video: SD card and network share MQTT publish Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email

Pre- and post-alarm video or image buffering for recording or upload
Notification: email, HTTP, HTTPS, and TCP
PTZ: PTZ preset, start/stop guard tour, autotracking
Overlay text, day/night mode

Data streaming	Event data
Built-in installation aids	Pixel counter Automatic orientation

Analytics

Applications	**Included** AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard AXIS Video Motion Detection, autotracking, gatekeeper **Supported** Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*

General

Cybersecurity	Signed firmware
Casing	IP66-, IP68-, NEMA 4X- and IK10-rated aluminum casing Color: urban grey NCS S 5502–B Wiper included (silicone wiper blade)
Sustainability	PVC free
Power	High PoE 90 W midspan 1–port: 100–240 V AC, max 1.35 A IEEE 802.3bt Type 4 Class 8 Camera consumption: typical 25 W, max 71 W
Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE
IR illumination	OptimizedIR with power-efficient, long-life 850 nm IR LEDs Range of reach 400 m (1300 ft) or more depending on the scene
Storage	Support for SD/SDHC/SDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations, see *axis.com*
Operating conditions	-50 °C to 55 °C (-58 °F to 131 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) **Arctic Temperature Control:** Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (condensing) **Wind speed (sustained):** 68 m/s (245 km/h, 150 mph)[c]
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** 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 **Safety** IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 risk group 2, IS 13252 **Environment** 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 **Network** NIST SP500-267 **Midspan:** EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB
Dimensions	210 x 330 x 313 mm (4 5/16 x 13 x 12 5/16 in) Effective Projected Area (EPA): 0.071 m^2
Weight	8.7 kg (19.3 lb)
Included accessories	Installation Guide, Windows® decoder 1-user license, IK10 bumper, High PoE Midspan 1-port, RJ45 connector push pull plug
Optional accessories	AXIS T95A64 Corner Bracket AXIS T98A15-VE Media Converter Cabinet A For more accessories, see *axis.com*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at *axis.com/vms*

Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see *axis.com/warranty*

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), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

c. *The values shown are based on results from actual wind tunnel testing. The maximum wind speed when the unit is stationary is not known due to wind speed limit of 68 m/s (150 mph) at the test lab. For drag force calculations, use Effective Projected Area (EPA).*