

AXIS Q6225-LE PTZ Camera

Heavy-duty PTZ camera with long-range IR

This heavy-duty PTZ camera meets the MIL-STD-810G standard, ensuring reliable operation in the toughest conditions. It offers HDTV 1080p resolution and a 1/2" sensor with 31x optical zoom. Featuring Lightfinder, Forensic WDR, and OptimizedIR it ensures sharp, clear images in any light conditions. This vandal-resistant, IK10-rated camera is resistant to both impacts and harsh weather conditions including wind speed up to 245 km/h (150 mph). It comes with built-in analytics preinstalled to alert you when needed. Additionally, Zipstream with H.264/ H.265 significantly reduces bandwidth and storage requirements without compromising image quality.

- > **HDTV 1080p and 31x optical zoom**
- > **1/2" sensor and long-range OptimizedIR**
- > **Electronic image stabilization**
- > **MIL-STD-810G and NEMA TS 2 compliant**
- > **AXIS Object Analytics preinstalled**



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Camera		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
Image sensor	1/2" progressive scan CMOS	Data streaming	Event data
Lens	Focal length: 6.91 – 214.64 mm, F1.36 – F4.6 Horizontal field of view: 63.8° – 2.2° Vertical field of view: 37° – 1.3° Autofocus, P-iris	Built-in installation aids	Pixel counter Automatic orientation
Day and night	Automatically removable infrared-cut filter	Analytics	
Minimum illumination	Color: 0.05 lux at 30 IRE F1.36 B/W: 0.001 lux at 30 IRE F1.36, 0 lux with IR illumination on Color: 0.08 lux at 50 IRE F1.36 B/W: 0.008 lux at 50 IRE F1.36, 0 lux with IR illumination on	AXIS Object Analytics	Object classes: humans, vehicles Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Shutter speed	1/111000 s to 1/2 s	Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, autotracking, gatekeeper Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°/s to 150°/s Tilt: -90° to +90°, 0.05°/s to 150°/s Zoom: 31x optical zoom, 12x digital zoom Preset accuracy: 0.10° 300 preset positions, tour recording, guard tour, control queue, orientation aid PTZ, focus recall	General	
System on chip (SoC)		Casing	IP66-, IP68-, NEMA 4X- and IK10-rated aluminum casing Color: urban grey NCS S 5502-B Wiper included (silicone wiper blade)
Model	ARTPEC-7	Sustainability	PVC free
Memory	1024 MB RAM, 512 MB Flash	Power	High PoE 95 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
Compute capabilities	Machine learning processing unit (MLPU)	Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE
Video		IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 400 m (1300 ft) or more depending on the scene
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	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
Resolution	1920x1080 HDTV 1080p to 320x180	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
Frame rate	Up to 60/50 fps (60/50 Hz) in all resolutions	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Video streaming	Multiple, individually configurable streams in H.264, H.265, and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265	Approvals	EMC EN 55032 Class A, EN 50121-4, EN 61000-3-2, EN 61000-3-3, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(B), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835 Safety CAN/CSA C22.2 No. 62368-1, CAN/CSA-C22.2 No. 60950-22, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 risk group 2 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 500.5, 501.5, 502.5, 503.5, 505.5, 506.5, 507.5, 509.5, 510.5, 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
Image settings	Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, image freeze on PTZ, scene profiles, rotation, electronic image stabilization (EIS) ^a , defogging, contrast, local contrast, autofocus, Forensic WDR: Up to 120 dB depending on scene, 32 individual polygon privacy masks including mosaic and chameleon privacy masks	Network protocols	
Network		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, SOCKS, SSH, LLDP, NTCIP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	
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, signed firmware, secure boot, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified), TPM (FIPS 140-2 certified)	System integration	
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, SOCKS, SSH, LLDP, NTCIP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	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
System integration		Event conditions	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
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	Weight	8.7 kg (19.3 lb)
Event conditions	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	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

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
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 (eyay@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).

Environmental responsibility:

axis.com/environmental-responsibility