AXIS Q6125-LE
High-speed PTZ with OptimizedIR

AXIS Q6125-LE PTZ Network Camera offers discreet and unobtrusive surveillance. Its clever dome design effectively conceals the direction of the lens, and its integrated, automatically adaptable IR LED illumination enables surveillance in total darkness (up to 200 m (656 ft) or more depending on the scene). The camera provides full scene fidelity and sharp images both above and below the horizon thanks to Sharpdome technology. The speed dry function removes water drips from the dome, for clear images in rainy weather. AXIS Guard Suite analytics is included with the camera.

> **HDTV 1080p and 30x zoom**

> **Built-in IR LEDs with OptimizedIR**

> **Sharpdome technology with speed dry function**

> **WDR – forensic capture, Lightfinder and Zipstream**

> **AXIS Guard Suite analytics included**

AXIS Q6125-LE

Models	AXIS Q6125-LE 50 Hz AXIS Q6125-LE 60 Hz

Camera

Image sensor	1/2.8" Progressive scan CMOS
Lens	4.3–129 mm, F1.6–4.7 Horizontal field of view: 63.5˚–2.3˚ Vertical field of view: 38.4˚–1.3˚ Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.1 lux at 30 IRE, F1.6 **B/W:** 0.008 lux at 30 IRE, F1.6, 0 lux with IR illumination on **Color:** 0.15 lux at 50 IRE, F1.6 **B/W:** 0.01 lux at 50 IRE, F1.6, 0 lux with IR illumination on
Shutter time	1/10000 s to 1 s
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°–700°/s Tilt: +20 to -90°, 0.05°–500°/s Zoom: 30x optical, 12x digital, total 360x zoom Nadir flip, 256 preset positions, tour recording, guard tour, control queue, on-screen directional indicator, set new pan 0°, adjustable zoom speed, speed dry

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2) Motion JPEG
Resolution	1920x1080p (HDTV 1080p) to 640x360
Frame rate	Up to 25/30 fps or 50/60 fps (50/60 Hz) in all resolutions
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/MBR H.264/H.265
Image settings	Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, noise reduction, rotation, electronic image stabilization (EIS), manual shutter time, text and image overlay, image freeze on PTZ, scene profiles, focus recall Defogging, backlight compensation Contrast, highlight compensation, WDR - forensic capture: 120 dB, 32 individual 3D privacy masks

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profiles S and G, specifications at www.onvif.org
Analytics	**Included** AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard, AXIS Loitering Guard **Supported** Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Detectors: live stream accessed, shock detection, day/night mode Hardware: network, temperature, fan Input Signal: manual trigger, virtual inputs PTZ: autotracking, error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
Event actions	Record video: SD card and network share Pre- and post-alarm video or image buffering for recording or upload

	Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Notification: email, HTTP, HTTPS, TCP, and SNMP trap PTZ: PTZ preset, guard tour, autotracking Overlay text, day/night mode IR illumination
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IK08, IP66- and NEMA 4X-rated Repaintable metal casing (aluminum), hard coated Polycarbonate (PC) clear dome with Sharpdome technology
Sustainability	PVC free
Memory	1 GB RAM, 512 MB Flash
Power	**Axis High PoE midspan 1-port:** 100–240 V AC, max 74 W Camera consumption: typical 14 W (no IR), max 51 W **Axis PoE+ midspan 1-port:** 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 Camera consumption: typical 14 W, max 25 W
Connectors	RJ45 10BASE-T/100BASE-TX RJ45 Push-pull Connector (IP66)
IR illumination	OptimizedIR with power-efficient, long life 850 nm IR LEDs **With 30 W midspan:** Range of reach 150 m (492 ft) or more depending on the scene **With 60 W midspan:** Range of reach 200 m (656 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	**With 30 W midspan:** -30 °C to 50 °C (-22 °F to 122 °F) **With 60 W midspan:** -50 °C to 50 °C (-58 °F to 122 °F) **With IR:** -50 °C to 35 °C (-58 °F to 95 °F) **Maximum temperature (intermittent):** 60 °C (140 °F) **Arctic Temperature Control:** Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	EMC 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 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN/UL 62471 risk group 2 Environment IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250, Type 4X, NEMA TS 2-2016, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78, ISO4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB Network NIST SP500-267
Dimensions	With mounting hook: 274 x 165 x 165 mm (10 13/16 x 6 1/2 x 6 1/2 in) Without mounting hook: 256 x 165 x 165 mm (10 1/16 x 6 1/2 x 6 1/2 in)
Weight	3 kg (6.6 lb)
Included accessories	IP66-rated RJ45 connector kit, AXIS High PoE 60 W SFP Midspan, installation guide, Windows decoder 1-user licence
Optional accessories	AXIS T91/T94 Mounting Accessories, Axis High PoE midspans For more accessories, see www.axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

Warranty Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

Environmental responsibility:

www.axis.com/environmental-responsibility

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

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