

# AXIS Q6125-LE PTZ Network Camera

## 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**



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<b>Models</b>	AXIS Q6125-LE 50 Hz AXIS Q6125-LE 60 Hz	IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: live stream open
<b>Camera</b>		
<b>Image sensor</b>	1/2.8" Progressive scan CMOS	
<b>Lens</b>	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	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	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	
<b>Shutter time</b>	1/10000 s to 1 s	
<b>Pan/Tilt/Zoom</b>	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	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2) Motion JPEG	
<b>Resolution</b>	1920x1080p (HDTV 1080p) to 640x360	
<b>Frame rate</b>	Up to 25/30 fps or 50/60 fps (50/60 Hz) in all resolutions	
<b>Video streaming</b>	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	
<b>Image settings</b>	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	
<b>Network</b>		
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection, signed firmware	
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP	
<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> AXIS Guardian with One-Click Connection ONVIF <sup>®</sup> Profile G and ONVIF <sup>®</sup> Profile S, specifications at <a href="http://onvif.org">onvif.org</a>	
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard, AXIS Loitering Guard, Autotracking 2, Active Gatekeeper <b>Supported</b> Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	
<b>Event triggers</b>	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	
<b>Event conditions</b>	Analytics, external input, virtual inputs through API Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure,	
<b>Event actions</b>	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 Overlay text, day/night mode IR illumination	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Focus assistant, pixel counter, remote back focus	
<b>General</b>		
<b>Casing</b>	IK08, IK10 housing and mounting <sup>b</sup> , IP66- and NEMA 4X-rated Repaintable metal casing (aluminum), hard coated Polycarbonate (PC) clear dome with Sharpdome technology	
<b>Sustainability</b>	PVC free	
<b>Memory</b>	1 GB RAM, 512 MB Flash	
<b>Power</b>	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	
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX RJ45 Push-pull Connector (IP66)	
<b>IR illumination</b>	Optimized IR 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	
<b>Storage</b>	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 <a href="http://axis.com">axis.com</a>	
<b>Operating conditions</b>	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) Absolute maximum temperature: 74 °C (165 °F) according to NEMA TS2 2016, 2.2.7 Arctic Temperature Control: Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (condensing)	
<b>Storage conditions</b>	-40 °C to 70 °C (-40 °F to 158 °F) Humidity 5–95% RH (non-condensing)	
<b>Approvals</b>	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-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR32 Class A Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 risk group 2, IS 13252 Environment IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250, Type 4X, NEMA TS2 2016 (Subsection 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 60068-2-30, IEC 60068-2-78, ISO4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB Network NIST SP500-267	
<b>Dimensions</b>	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)	
<b>Weight</b>	3 kg (6.6 lb)	

<b>Included accessories</b>	IP66-rated RJ45 connector kit, AXIS High PoE 60 W SFP Midspan, installation guide, Windows decoder 1-user licence
<b>Optional accessories</b>	AXIS T91/T94 Mounting Accessories, Axis High PoE midspans 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 on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

**Warranty** Axis 3-year warranty and AXIS Extended Warranty option, see [axis.com/warranty](http://axis.com/warranty)

- a. *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).*
- b. *Mounting not included*

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)