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
AXIS Q6125-LE PTZ Network Camera

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, 0.1 lux with IR illumination on
Color: 0.15 lux at 50 IRE, F1.6
B/W: 0.01 lux at 50 IRE, F1.6, 0.1 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, dry speed

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 encryption, IEEE 802.1x (EAP-TLS) network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection, signed firmware

Supported protocols
IPv4, IPv6, USGv6, HTTP, HTTPS, SSU/TLS, DoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, RTP, RTSP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP, MQTT

System integration
Application programming Interface
Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com

Analytics
Included
AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard, AXIS Loitering Guard, Autotracking, Active Gatekeeper
Supported
Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap

Event triggers
Detectors: live stream accessed, shock detection, daynight 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 conditions
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, 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

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
Overlay text, day/night mode
IR illumination

Data streaming
Event data

Built-in installation aids
Focus assistant, pixel counter, remote back focus

General
Casing
IK08, IK10 housing and mounting, 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 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)
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)

Storage conditions
-40 °C to 70 °C (-40 °F to 158 °F)

Approval
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, I S 13252
Environment

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)
<table>
<thead>
<tr>
<th>Included accessories</th>
<th>IP66-rated RJ45 connector kit, AXIS High PoE 60 W SFP Midspan, installation guide, Windows decoder 1-user licence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional accessories</td>
<td>AXIS T91/T94 Mounting Accessories, Axis High PoE midspans For more accessories, see axis.com</td>
</tr>
<tr>
<td>Video management software</td>
<td>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></td>
</tr>
<tr>
<td>Languages</td>
<td>English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese</td>
</tr>
</tbody>
</table>

**Warranty**  
Axis 3-year warranty and AXIS Extended Warranty option, see 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

©2018 - 2020 Axis Communications AB. AXIS COMMUNICATIONS, AXIS, and VAPIX are registered trademarks or trademark applications of Axis AB in various jurisdictions. All other company names and products are trademarks or registered trademarks of their respective companies. We reserve the right to introduce modifications without notice.