AXIS Q6100-E Network Camera
For 360° real-time monitoring and great detail

With four 5 MP sensors and seamless stitching of all four images, AXIS Q6100-E provides a complete 360° overview with great image usability day and night. Designed for use with any AXIS Q61 Series camera, it enables one-click PTZ control and autopilot for automatic PTZ tracking within the viewing areas. Directional audio detection triggered by audio incidents redirects the PTZ camera to the audio source. Each sensor has exchangeable lenses with autofocus for maximum flexibility and accurate configuration. AXIS Q6100-E uses the same bracket, power supply and network cable as the connected AXIS Q61 Series camera for cost-efficient installation.

> 360° camera with one-click PTZ control

> 4 x 5 MP sensors, total 20 MP resolution

> Exchangeable and tiltable lenses

> Requires an AXIS Q61 Series camera

> Directional audio detection included

AXIS Q6100-E Network Camera

Models	AXIS Q6100-E 50 Hz AXIS Q6100-E 60 Hz

Camera

Supported products	AXIS Q61-E PTZ Network Cameras
Image sensor	4 x 5 MP progressive scan RGB CMOS 1/2.5"
Lens	Autofocus lenses, Fixed iris, F2.0, Focal length: 2.8 mm Horizontal field of view: 360° Vertical field of view: 84°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.4 lux at 50 IRE, F2.0 B/W: 0.03 lux at 50 IRE, F2.0
Shutter time	1/32500 to 1/20 s
Camera angle adjustment	Pan, tilt and rotate
Pan/Tilt/Zoom	One-click PTZ control

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2/HEVC), Main Profile
Resolution	4 x 2592x1944 to 320x240 Default: 2592x1944 Panorama: 3904x800 or 2560x2080
Frame rate	Up to 20 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and H.265 Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth MBR H.264/H.265
Image settings	Resolution, compression, saturation, brightness, sharpness, contrast, white balance, exposure level, exposure mode, shutter & gain fine tuning of behavior at normal and low light, polygon privacy masks (maximum 8 per channel), WDR, dynamic text, image overlay

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1x (EAP-TLS)[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, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T, specification at *onvif.org*
Analytics	Included Directional audio detection, Autopilot, AXIS Video Motion Detection, AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard, edge storage events Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*
Event conditions	Analytics, edge storage events, virtual inputs through API Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input PTZ: PTZ ready Scheduled and recurring: scheduled event Video: day-night mode, live stream open, tampering
Event actions	Record video: SD card and network share 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, TCP and SNMP trap PTZ: PTZ preset Overlay text, day/night mode, Status LED, WDR mode, Overlay text
Data streaming	Event data
Built-in installation aids	Installation focus, lens selection, positioning calibration, ptz remote connection.

General

Casing	IP66-, NEMA 4X- and IK10-rated Polycarbonate hardcoated dome Aluminum casing
Sustainability	PVC free
Memory	2048 MB RAM, 512 MB Flash
Power	Power consumption without PTZ: PoE typical 9 W, max 23 W 24 V DC typical 9 W, max 75 W 24 V AC typical 16 VA, max 97 VA
Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE RJ45 10BASE-T/100BASE-TX/1000BASE-T Q61-E port
Storage	Support for SD/SDHC/SDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see *axis.com*
Operating conditions	–50 °C to 50 °C (–58 °F to 122 °F) with AXIS Camera Heater Kit –20 °C to 50 °C (–4 °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Start-up temperature: -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
Approvals	EMC EAC, EN 55032 Class A, EN 55035, 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 CISPR 32 Class A, KC KN32 Class A, KN35 Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9) Network NIST SP500-267
Dimensions	ø 361 mm (14.2 in) Height: 192 mm (7.6 in)
Weight	4.0 kg (8.8 lb) excluding an AXIS Q61-E PTZ Network Camera
Included accessories	Q61-E adapter, Bayonet screws, Installation guide, Windows® decoder 1-user license
Optional accessories	AXIS Lens M12 6 mm 5P, AXIS Lens M12 12 mm 5P, AXIS Lens M12 16 mm 5P, AXIS Lens M12 25 mm 5P, AXIS T91 Mounting accessories, Axis Midspan 60 W 1-port, AXIS Camera Heater Kit 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, Polish, Traditional Chinese
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).*

Environmental responsibility:

axis.com/environmental-responsibility

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