

AXIS Q6100-E Network Camera

For 360° real-time monitoring and great detail

With four 5 MP sensors, AXIS Q6100-E provides a complete 360° overview with great image usability day and night. Designed for use with any AXIS Q61 Series or AXIS Q63 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 Camera Heater Power Supply is required when AXIS Q6315-LE is used.

- > **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 or AXIS Q63 Series camera**
- > **Directional audio detection included**



AXIS Q6100-E Network Camera

Models	AXIS Q6100-E 50 Hz AXIS Q6100-E 60 Hz	Video: day-night mode, live stream open, tampering
Camera		Event actions
Supported products	AXIS Q61-E PTZ Network Cameras AXIS Q63-E PTZ Network Cameras	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 MQTT publish
Image sensor	4 x 5 MP progressive scan RGB CMOS 1/2.5"	Data streaming
Lens	Autofocus lenses, Fixed iris, F2.0, Focal length: 2.8 mm Horizontal field of view: 360° Vertical field of view: 84°	Event data
Day and night	Automatically removable infrared-cut filter	Built-in installation aids
Minimum illumination	Color: 0.4 lux at 50 IRE, F2.0 B/W: 0.03 lux at 50 IRE, F2.0	Installation focus, lens selection, positioning calibration, PTZ remote connection
Shutter speed	1/32500 to 1/20 s	General
Camera angle adjustment	Pan, tilt and rotate	Casing
Pan/Tilt/Zoom	One-click PTZ control	IP66-, NEMA 4X- and IK10-rated Polycarbonate hardcoated dome Aluminum casing
System on chip (SoC)		Sustainability
Model	S5	PVC free
Memory	2048 MB RAM, 512 MB Flash	Power
Video		AXIS Q6100-E with Solo Kit (without a PTZ): Power consumption: typical 9 W, max 23 W AXIS Midspan 30 W 1-port: 100-240 V AC, max. 30 W AXIS Q6100-E with AXIS Q61-E PTZ Network Cameras: AXIS High PoE midspan 1-port 100-240 V AC, max 60 W recommended AXIS Q6100-E with AXIS Q63-E PTZ Network Cameras: AXIS High PoE midspan 1-port 100-240 V AC, max 60 W recommended, plus AXIS Camera Heater Power Supply (required when used with AXIS Q63-E PTZ Network Camera)
Video compression	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2/HEVC), Main Profile	Connectors
Resolution	4 x 2592x1944 to 320x240 Default: 2592x1944	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE RJ45 10BASE-T/100BASE-TX/1000BASE-T Q61-E port M8 3-pin AC/DC input
Frame rate	Up to 20 fps (50/60 Hz) in all resolutions	Storage
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 VBR/ABR/MBR H.264/H.265	Support for SD/SDHC/SDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Image settings	Resolution, compression, saturation, brightness, sharpness, contrast, white balance, exposure level, exposure mode, shutter Et gain fine tuning of behavior at normal and low light, polygon privacy masks (maximum 8 per channel), WDR, dynamic text and image overlay	Operating conditions
Network		-50 °C to 50 °C (-58 °F to 122 °F) with AXIS Camera Heater Power Supply -40 °C to 50 °C (-40 °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)
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	Storage conditions
Supported protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, NTCIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
System integration		Approvals
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 S, and ONVIF [®] Profile T, specification at onvif.org	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
Analytics	Included Directional audio detection, autopilot, AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard, AXIS Video Motion Detection, active tampering alarm, edge storage events Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	Dimensions
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 MQTT subscribe PTZ: PTZ ready Scheduled and recurring: scheduled event	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 or AXIS Q63-E PTZ Network Camera
		Included accessories
		AXIS Q61-E and AXIS Q63-E adapter, bayonet screws, installation guide, Windows [®] decoder 1-user license
		Required accessories
		AXIS Camera Heater Power Supply is required when AXIS Q6315-LE is used.
		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 Power Supply 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	a. <i>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).</i>
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese	Environmental responsibility: axis.com/environmental-responsibility
Warranty	5-year warranty, see axis.com/warranty	