

# 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**



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<b>Models</b>	AXIS Q6100-E 50 Hz AXIS Q6100-E 60 Hz		Video: day-night mode, live stream open, tampering
<b>Camera</b>		<b>Event actions</b>	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
<b>Supported products</b>	AXIS Q61-E PTZ Network Cameras AXIS Q63-E PTZ Network Cameras	<b>Data streaming</b>	Event data
<b>Image sensor</b>	4 x 5 MP progressive scan RGB CMOS 1/2.5"	<b>Built-in installation aids</b>	Installation focus, lens selection, positioning calibration, PTZ remote connection
<b>Lens</b>	Autofocus lenses, Fixed iris, F2.0, Focal length: 2.8 mm Horizontal field of view: 360° Vertical field of view: 84°	<b>General</b>	
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Casing</b>	IP66-, NEMA 4X- and IK10-rated Polycarbonate hardcoated dome Aluminum casing
<b>Minimum illumination</b>	Color: 0.4 lux at 50 IRE, F2.0 B/W: 0.03 lux at 50 IRE, F2.0	<b>Sustainability</b>	PVC free
<b>Shutter speed</b>	1/32500 to 1/20 s	<b>Power</b>	Power consumption without PTZ: PoE typical 9 W, max 23 W
<b>Camera angle adjustment</b>	Pan, tilt and rotate	<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE RJ45 10BASE-T/100BASE-TX/1000BASE-T Q61-E port
<b>Pan/Tilt/Zoom</b>	One-click PTZ control	<b>Storage</b>	Support for SD/SDHC/SDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>System on chip (SoC)</b>		<b>Operating conditions</b>	-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)
<b>Model</b>	S5	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Memory</b>	2048 MB RAM, 512 MB Flash	<b>Approvals</b>	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
<b>Video</b>		<b>Dimensions</b>	ø 361 mm (14.2 in) Height: 192 mm (7.6 in)
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2/HEVC), Main Profile	<b>Weight</b>	4.0 kg (8.8 lb) excluding an AXIS Q61-E PTZ Network Camera or AXIS Q63-E PTZ Network Camera
<b>Resolution</b>	4 x 2592x1944 to 320x240 Default: 2592x1944	<b>Included accessories</b>	AXIS Q61-E and AXIS Q63-E adapter, bayonet screws, installation guide, Windows® decoder 1-user license
<b>Frame rate</b>	Up to 20 fps (50/60 Hz) in all resolutions	<b>Required accessories</b>	AXIS Camera Heater Power Supply is required when AXIS Q6315-LE is used.
<b>Video streaming</b>	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	<b>Optional accessories</b>	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 <a href="http://axis.com">axis.com</a>
<b>Image settings</b>	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	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>Network</b>		<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
<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	<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Supported protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , 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)	a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ( <a href="http://openssl.org">openssl.org</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
<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> One-click cloud connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>		
<b>Analytics</b>	<b>Included</b> 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 <a href="http://axis.com/acap">axis.com/acap</a>		
<b>Event conditions</b>	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		

Environmental responsibility:

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