

## AXIS Q6010-E Network Camera

For 360° real-time monitoring and great detail

With four 5 MP sensors, AXIS Q6010-E provides a complete 360° overview with great image usability both day and night. Designed for operation with current AXIS Q60-E PTZ Network Cameras, it enables one-click PTZ control and autopilot for automatic PTZ tracking within the viewing areas. And, each sensor has exchangeable lenses with autofocus and positioning calibration for maximum flexibility and accurate configuration. AXIS Q6010-E uses the same bracket, power supply and network cable as the connected AXIS Q60-E PTZ Network Camera for cost-efficient installation. Furthermore, Zipstream with support for H.264/H.265 significantly lowers bandwidth and storage requirements without compromising image quality.

- > **360° camera with one-click PTZ control**
- > **4 x 5 MP sensors, total 20 MP resolution**
- > **Exchangeable and tiltable lenses**
- > **Requires a current AXIS Q60-E PTZ Network Camera**
- > **Autopilot included**



# AXIS Q6010-E Network Camera

<b>Variants</b>	AXIS Q6010-E 50 Hz AXIS Q6010-E 60 Hz	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 Video: day-night mode, live stream open, tampering
<b>Camera</b>		
<b>Supported products</b>	AXIS Q6052-E PTZ Network Camera AXIS Q6054-E PTZ Network Camera AXIS Q6054-E Mk II PTZ Network Camera AXIS Q6054-E Mk III PTZ Network Camera AXIS Q6055-E PTZ Network Camera AXIS Q6074-E PTZ Network Camera AXIS Q6075-E PTZ Network Camera AXIS Q6078-E PTZ Camera	
<b>Image sensor</b>	4 x 5 MP progressive scan RGB CMOS 1/2.5"	
<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>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	Color: 0.4 lux at 50 IRE, F2.0 B/W: 0.03 lux at 50 IRE, F2.0	
<b>Shutter speed</b>	1/32500 to 1/20 s	
<b>Camera adjustment</b>	Pan, tilt and rotate	
<b>Pan/Tilt/Zoom</b>	One-click PTZ control	
<b>System on chip (SoC)</b>		
<b>Model</b>	S5	
<b>Memory</b>	2048 MB RAM, 512 MB Flash	
<b>Video</b>		
<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>Resolution</b>	4 x 2592x1944 to 320x240 Default: 2592x1944	
<b>Frame rate</b>	Up to 20 fps (50/60 Hz) in all resolutions	
<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 ABR/MBR H.264/H.265	
<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>Signal-to-noise ratio</b>	>55 dB	
<b>Network</b>		
<b>Network protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>b</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTP, RTSP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, NTP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	
<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 M, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>	
<b>Video management systems</b>	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at <a href="http://axis.com/vms">axis.com/vms</a> .	
<b>Analytics</b>	<b>Included</b> AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard Autopilot, AXIS Video Motion Detection, active tampering alarm, edge storage events <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 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,	
<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>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Installation focus, lens selection, positioning calibration, ptz remote connection.	
<b>Cybersecurity</b>		
<b>Edge security</b>	<b>Software:</b> Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection <b>Hardware:</b> encrypted file system (AES-XTS-Plain64 256bit)	
<b>Network security</b>	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2) <sup>3</sup> , HTTPS/HSTS <sup>3</sup> , TLS v1.2/v1.3 <sup>3</sup> , Network Time Security (NTS), X.509 Certificate PKI, host-based firewall	
<b>Documentation</b>	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to <a href="http://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="http://axis.com/cybersecurity">axis.com/cybersecurity</a>	
<b>General</b>		
<b>Casing</b>	IP66-, NEMA 4X- and IK10-rated Polycarbonate dome Aluminum casing	
<b>Sustainability</b>	PVC free	
<b>Power</b>	<b>AXIS Q6010-E with Solo Kit, without a PTZ Camera:</b> Power consumption: typical 9 W, max 22 W External power input 24 VDC: typical 8.0 W, max 74.4 W AXIS T8154: 100-240 VAC <b>AXIS Q6010-E with AXIS Q60-E PTZ Network Cameras:</b> AXIS High PoE Midspan 1-port 100-240 VAC, max 60 W recommended	
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE RJ45 10BASE-T/100BASE-TX/1000BASE-T Q60-E port M8 3-pin AC/DC input	
<b>Storage</b>	Support for SD/SDHC/SDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) 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>	-50 °C to 50 °C (-58 °F to 122 °F) with AXIS Camera Heater Kit -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>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)	
<b>Approvals</b>	<b>EMC</b> 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 <b>Safety</b> IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, IS 13252	

	<b>Environment</b> 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) <b>Network</b> NIST SP500-267	field of view: 31°, vertical field of view: 23°), AXIS Lens M12 16 mm 5P (horizontal field of view: 20°, vertical field of view: 15°), AXIS Q6010-E Solo kit, 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>Dimensions</b>	ø 395 mm (15.6 in) Height: 201 mm (7.9 in)	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
<b>Weight</b>	4.5 kg (9.1 lb) excluding an AXIS Q60-E PTZ Network Camera	
<b>Included accessories</b>	Q60-E adapter, Bayonet screws, Installation guide, Windows® decoder 1-user license	<b>Warranty</b> 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Optional accessories</b>	AXIS Lens M12 6 mm 5P (horizontal field of view: 56°, vertical field of view: 42°), AXIS Lens M12 12 mm 5P (horizontal	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>