AXIS Q1615-E Mk II Network Camera

High-speed excellence and outdoor-ready with i-CS lens

AXIS Q1615-E Mk II is ready for outdoor installations with protection against vandalism and tough weather. Thanks to an i-CS lens, the camera adjusts zoom and focus during remote setup, resulting in easy and quick installation. AXIS Q1615-E Mk II captures sharp video in up to 50/60 fps in HDTV 1080p and 100/120 fps in 720p HDTV. It delivers enhanced Lightfinder technology and WDR – Forensic Capture, optimizing video for forensic purposes in scenes with complex lighting. The camera features Scene Profiles with Forensic, Live and Traffic Overview profiles, allowing for automatic adjustment of image settings to meet specific surveillance needs.

> -40 °C to 60 °C (-40 °F to 140 °F)
> Support for i-CS lens
> Scene Profiles with automatically adjusted image settings
> Electronic Image Stabilization
> Axis Zipstream technology

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Camera

Image sensor	1/2.8" Progressive scan RGB CMOS
Lens	Varifocal, IR corrected, CS-mount 2.8–8.5 mm, F1.2 Horizontal field of view 1080p: 72°–39° Vertical field of view 1080p: 38°–22° i-CS lens
Day and night	Automatically removable infrared-cut filter
Minimum illumination	HDTV 1080p 25/30 fps: Color: 0.11 lux, B/W: 0.02 lux, at 50 IRE F1.2 HDTV 1080p 50/60 fps: Color 0.22 lux, B/W: 0.04 lux, at 50 IRE F1.2 HDTV 720p 100/120 fps: Color 0.44 lux, B/W: 0.09 lux, at 50 IRE F1.2
Shutter time	1/143000 to 2 s

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG
Resolution	HDTV 720p 100/120 fps (no WDR): 1280x720 to 160x90 HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90 HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90
Frame rate	Up to 100/120 fps (50/60 Hz) in 720p (no WDR)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zone, fine tuning of behavior at low light, text and image overlay, privacy mask, mirroring of images Rotation: auto, 0°, 90°, 180°, 270° WDR – forensic capture: Up to 120 dB depending on scene, barrel distortion correction, day/night shift level, electronic image stabilization, local contrast, defogging Scene profiles: forensic, live, traffic overview
Pan/Tilt/Zoom	Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)

Audio

Audio streaming	Two-way
Audio compression	24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate
Audio input/output	External balanced/unbalanced microphone or line input, line output 24 bit AD/DA-conversion

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, signed firmware
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT

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, specifications at *onvif.org*
Analytics	**Included** AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard, active tampering alarm, audio detection **Supported** AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*
Event triggers	Analytics, edge storage events, external input Shock detection

	Day/night mode, live stream accessed, network, temperature, manual trigger, virtual inputs, PTZ control, system ready, schedule
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email, send video clip Notification: email, HTTP, HTTPS and TCP Overlay text, Send SNMP Trap Video and audio recording to edge storage Pre- and post-alarm video buffering External output activation, day/night vision mode, play audio clip, status LED, WDR mode 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, start/stop guard tour Overlay text, external output activation, play audio clip, zoom preset, defog mode, PTZ control
Data streaming	Event data
Built-in installation aids	Focus assistant, pixel counter, leveling assistant, camera orientation aid, traffic wizard i-CS: Remote zoom and focus Other lens: Remote back focus

General

Casing	Enclosure: Metal (aluminium) Color: White NCS S 1002-B IP66- and NEMA 4X-rated, IK10 impact resistant aluminum enclosure
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	High PoE, max 25.5 W Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 12.95 W, typical 4.7 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out RS485/RS422, Terminal block for two configurable inputs/outputs (12 V DC output, max load 50 mA)
Storage	Support for microSD/microSDHC/microSDXC card Recording to network-attached storage (NAS) For SD card and NAS recommendations see *axis.com*
Operating conditions	-30 °C to 60 °C (-22 °F to 140 °F) with PoE Down to -40 °C (-40 °F) with Axis High PoE Midspan, max 30 W Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
Approvals	EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, IEC/EN/UL 60950-1 KCC KN32 Class A, KN35 EN 50121-4, IEC 62236-4, IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK10 NIST SP500-267
Dimensions	161 x 142 x 404 mm (6 5/16 x 5 9/16 x 15 15/16 in)
Weight	3896 g (8.6 lb)
Included accessories	AXIS T94Q01A Wall Mount, Sunshield Connector kit, Resistorx® T20 tool, Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS T91A47 Pole Mount, AXIS T94R01P Conduit Back Box, VT Corner Mount WCWA, VT Column Mount Ball Joint WFWCA, AXIS T98A16-VE Surveillance Cabinet, Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8120 Midspan 15 W 1-port, AXIS T8133 Midspan 30 W 1-port, AXIS T8129 PoE Extender, AXIS Surveillance Cards 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, 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