

AXIS Q1615 Mk III Network Camera

For premium performance with powerful processing

AXIS Q1615 Mk III combines exceptional imaging and video performance with outstanding hardware and processing capabilities including remote zoom and focus. With up to 120 fps in HDTV 1080p, it captures excellent detailed images of fast-moving objects and people. It features Axis Lightfinder 2.0 and Axis Forensic WDR for high-quality – color – images even when recorded in near darkness. Enhanced security features such as signed firmware and secure boot ensure the integrity and authenticity of the firmware. Furthermore, it includes a deep learning processing unit enabling unique opportunities to take advantage of tailor-made third-party applications based on deep learning.

- > [HDTV 1080p at up to 120 fps](#)
- > [Lightfinder 2.0 and Forensic WDR](#)
- > [TPM, FIPS 140-2 level 2 certified](#)
- > [Embedded deep learning processing unit](#)
- > [Support for third-party deep learning applications](#)



AXIS Q1615 Mk III Network Camera

Camera		Video streaming indicator
Image sensor	1/2.8" Progressive scan RGB CMOS	Event conditions Analytics, external input, supervised external input, edge storage events, virtual inputs through API Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, ring power overcurrent protection, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: live stream open
Lens	Varifocal, IR corrected, CS-mount 2 MP (16:9): 2.8–8.5 mm, F1.2 Horizontal field of view: 116°–40° Vertical field of view: 61°–22° i-CS lens	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, start/stop guard tour Overlay text, external output activation, play audio clip, zoom preset, defog mode, PTZ control
Day and night	Automatically removable infrared-cut filter	Data streaming Event data
Minimum illumination	HDTV 1080p 25/30 fps with Forensic WDR and Lightfinder: Color: 0.05 lux, B/W: 0.01 lux at 50 IRE, F1.2 HDTV 1080p 50/60 fps with Lightfinder: Color: 0.1 lux, B/W: 0.02 lux at 50 IRE, F1.2 HDTV 1080p 100/120 fps: Color: 0.2 lux, B/W: 0.04 lux at 50 IRE, F1.2	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
Shutter time	1/125000 to 2 s	Analytics
Video		Compute capabilities Deep learning processing unit (DLPU) Real-time object detection engine
Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Applications Included AXIS Video Motion Detection, AXIS Fence Guard, AXIS Loitering 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
Resolution	HDTV 1080p 100/120 fps (no WDR): 1920x1080 to 160x90 HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90 HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90	General
Frame rate	Up to 100/120 fps (50/60 Hz) in 1080p (no WDR)	Casing Casing: Metal (zinc) Color lid: Silver RAL 9006 Color chassis: Black - NCS S 9000-N
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Video streaming indicator	Mounting ¼"-20 tripod screw thread Camera stand included
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, tone mapping, local contrast, exposure mode, exposure zones, defogging, electronic image stabilization, barrel distortion correction, compression, rotation: auto, 0°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, polygon privacy mask, mirroring of images Scene profiles: forensic, vivid, traffic overview	Sustainability PVC free, BFR/CFR free
Pan/Tilt/Zoom	Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)	Memory 2048 MB RAM, 1024 MB Flash
Audio		Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 12.95 W, typical 8.2 W 10-28 V DC, max 12.1 W, typical 8.3 W Power redundancy
Audio streaming	Two-way, full duplex	Connectors Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE DC input I/O: 6-pin 2.5 mm terminal block for four configurable inputs/outputs (12 V DC output, max load 50 mA). Two of the ports can be supervised. RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block 3.5 mm mic/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris) AXIS T92G20 connector
Audio compression	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	Storage Support for microSD/microSDHC/microSDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio input/output	External microphone input, line input, digital input with ring power, built-in microphone (can be disabled), balanced microphone, balanced input, automatic gain control, line output 24 bit AD/DA-conversion	Operating conditions -10 °C to 55 °C (14 °F to 131 °F) Humidity 10–85% RH (non-condensing)
Network		Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-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, signed firmware, secure boot, protection of cryptographic keys with FIPS 140-2 certified TPM 2.0 module	
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, 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 Guardian with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile S and ONVIF [®] Profile T, specifications at onvif.org	
Onscreen controls	Electronic image stabilization Day/night shift Defogging Wide dynamic range	

Approvals	<p>EMC EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 55035, 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</p> <p>Safety IEC/EN/UL 62368-1</p> <p>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</p> <p>Network NIST SP500-267</p>	Ricom 2 MP Lens DC-iris 8-26 mm F0.9
Dimensions	82 x 58 x 195 mm (3.2 x 2.3 x 7.7 in)	
Weight	1120 g (2.5 lb)	
Included accessories	Stand Connector kit, Resistorx® T20 tool, Installation Guide, Windows decoder 1-user license	
Optional lenses	Lens CS 12-50 mm F1.4 P-Iris 8 MP Lens i-CS 3.9-10 mm F1.5 5 MP Lens i-CS 9-50 mm F1.5 8 MP	
Optional accessories		Axis mounts, Axis lenses, Axis midspans, Axis microphones AXIS T92G20 Outdoor Housing AXIS T92E20 Outdoor Housing AXIS T8355 Digital Microphone 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 (ey@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility