AXIS Q1615 Mk II Network Camera

High-speed excellence with i-CS lens

AXIS Q1615 Mk II is equipped with an i-CS lens, enabling the camera to adjust zoom and focus during remote setup, resulting in easy and quick installation. The camera delivers enhanced Lightfinder technology and WDR – Forensic Capture, optimizing video for forensic purposes in scenes with complex lightning. With up to 50/60 fps in HDTV 1080p and up to 100/120 fps in HDTV 720p, the camera captures all fast moving objects and people in sharp video. Furthermore, the camera features Scene Profiles with Forensic, Live and Traffic Overview profiles, allowing for automatic adjustment of image settings to meet specific surveillance needs.

> Support for i-CS lens

> Scene Profiles with automatically adjusted image settings

> Lightfinder technology and WDR – Forensic Capture

> Electronic Image Stabilization

> Axis Zipstream technology

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Camera

Image sensor	Progressive scan RGB CMOS 1/2.8"
Lens	Varifocal, IR corrected, CS-mount 2.8–8.5 mm, F1.2 **HDTV 720p:** Horizontal field of view: 74°–26° Vertical field of view: 41°–15° **HDTV 1080p:** Horizontal field of view: 115°–39° Vertical field of view: 61°–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
Pan/Tilt/Zoom	Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)

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 Controllable frame rate and bandwidth Axis Zipstream technology in H.264 VBR/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° including Corridor Format 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

Audio

Audio streaming	Two-way
Audio compression	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	Built-in microphone (can be disabled) 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[a] network access control, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, 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, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specifications at *www.onvif.org*
Analytics	**Included** AXIS Video Motion Detection, Active tampering alarm, audio detection **Supported**

AXIS Perimeter Defender
Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.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 Defog mode, PTZ control
Data streaming	Event data
Built-in installation aids	Levelling assistant i-CS: Remote zoom and focus Other lens: Remote back focus Camera orientation aid Traffic wizard Pixel counter

General

Casing	Casing: Metal (zinc) Color lid: Silver RAL 9006 Color chassi: Black - NCS S 9000-N
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.1 W, typical 4.4 W 8–28 V DC, max 6.9 W, typical 4.3 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out DC input RS485/RS422, Terminal block for two configurable inputs/outputs (12 V DC output, max load 50 mA)
Storage	Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	0 °C to 55 °C (32 °F to 131 °F) Humidity 10-85% RH (non-condensing) Up to 60 °C (140 °F) when mounted inside AXIS T92E20 Housing
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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
Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Weight	750 g (1.7 lb)
Included accessories	Stand Connector kit, Resistorx® T20 tool, Installation Guide, Windows decoder 1-user license
Optional accessories	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1-port For more accessories, see *axis.com*
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.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 *www.axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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