AXIS Q1615 Network Camera

For forensic details and high speed

AXIS Q1615 delivers outstanding image quality, even in highly variable lighting conditions. Wide Dynamic Range - Forensic Capture optimizes video, highlighting details and increasing forensic usability. It supports Lightfinder technology, making it extremely sensitive to low light. Electronic image stabilization greatly improves video quality when the camera is subject to vibration, resulting in smoother and steadier video. Leveling assistance guides the camera to the correct level, and auto rotation flips the image to the right orientation. Remote back focus enables fine-tuning of the focus from a computer, and the pixel counter helps verifying the pixel resolution of an object or face.

> **HDTV 1080p at 50/60 fps**

> **Wide Dynamic Range - Forensic Capture and Lightfinder**

> **Electronic Image Stabilization**

> **Shock detection**

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Camera

Image sensor	AXIS Q1615/–E: Progressive scan RGB CMOS 1/2.8"
Lens	Varifocal, IR corrected, CS-mount, Megapixel resolution P-Iris 2.8–8 mm, F1.3 Horizontal angle of view: 120°-40°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.18 lux, B/W: 0.04 lux, F1.3; HDTV 1080p 50/60 fps: Color: 0.36 lux, B/W: 0.08 lux, F1.3;
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
Resolutions	**WUXGA 25/30 fps (no WDR):** 1920x1200 to 160x90 **HDTV 1080p 25/30 fps (WDR):** 1920x1080 to 160x90 **HDTV 1080p 50/60 fps (no WDR):** 1920x1080 to 160x90
Frame rate	50/60 fps (no WDR)
Video streaming	Multiple, individually configurable streams in H.264/Motion JPEG, Controllable frame rate and bandwidth VBR H.264, MBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zone, Backlight compensation, 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, Auto-rotation, Barrel distortion correction, Day/Night shift level, Electronic Image Stabilization, Local contrast, Defogging

Audio

Audio streaming	Two-way
Audio compression	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Audio input/output	External microphone, input or line input, line output Built-in microphone (can be disabled) External balanced/unbalanced microphone or line input, line output

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, specification at *www.onvif.org*
Analytics	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see *www.axis.com/acap*

Event triggers	Analytics, Edge storage events, External input Shock detection
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
Data streaming	Event data
Built-in installation aids	Focus assistant, Pixel counter, Remote back focus Leveling assistant, Auto rotation Camera orientation aid

General

Casing	Camera: Metal (zinc) Color: White NCS S 1002-B
Memory	512 MB RAM, 256 MB Flash
Power	8–28 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 max. 7.3 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)
Edge storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated 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
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, IEC/EN/UL 60950-1
Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Weight	**AXIS Q1615:** 914 g (2 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
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software*
Languages	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
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).*

More information is available at **www.axis.com**

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