

## 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**



# AXIS Q1615-E Mk II Network Camera

|  |   |
|--|---|
| <b>Camera</b>                            |   |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2.8"  |
| <b>Lens</b>                              | Vari-focal, IR corrected, CS-mount<br>2.8–8.5 mm, F1.2<br>Horizontal field of view 1080p: 72°–39°<br>Vertical field of view 1080p: 38°–22°<br>i-CS lens   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   |
| <b>Minimum illumination</b>              | HDTV 1080p 25/30 fps:<br>Color: 0.11 lux, B/W: 0.02 lux, at 50 IRE F1.2<br>HDTV 1080p 50/60 fps:<br>Color 0.22 lux, B/W: 0.04 lux, at 50 IRE F1.2<br>HDTV 720p 100/120 fps:<br>Color 0.44 lux, B/W: 0.09 lux, at 50 IRE F1.2  |
| <b>Shutter time</b>                      | 1/143000 to 2 s   |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)  |
| <b>Video</b>                             |   |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile, Motion JPEG  |
| <b>Resolution</b>                        | HDTV 720p 100/120 fps (no WDR): 1280x720 to 160x90<br>HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90<br>HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90   |
| <b>Frame rate</b>                        | Up to 100/120 fps (50/60 Hz) in 720p (no WDR)   |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Controllable frame rate and bandwidth<br>Axis Zipstream technology in H.264<br>VBR/MBR H.264  |
| <b>Image settings</b>                    | 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<br>Rotation: auto, 0°, 90°, 180°, 270°<br>WDR – forensic capture: Up to 120 dB depending on scene, barrel distortion correction, day/night shift level, electronic image stabilization, local contrast, defogging<br>Scene profiles: forensic, live, traffic overview                              |
| <b>Audio</b>                             |   |
| <b>Audio streaming</b>                   | Two-way   |
| <b>Audio compression</b>                 | 24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz<br>Configurable bit rate  |
| <b>Audio input/output</b>                | External balanced/unbalanced microphone or line input, line output<br>24 bit AD/DA-conversion   |
| <b>Network</b>                           |   |
| <b>Security</b>                          | Brute force delay protection.<br>Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management signed firmware  |
| <b>Supported protocols</b>               | IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP   |
| <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><br>AXIS Guardian with One-Click Connection<br>ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile T, specifications at <a href="http://onvif.org">onvif.org</a>  |
| <b>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard, active tampering alarm, audio detection<br><b>Supported</b><br>AXIS Perimeter Defender<br>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 triggers</b>                    | Analytics, Edge storage events, External input<br>Shock detection   |
| <b>Event actions</b>                     | Day/Night Mode, Live Stream Accessed, Network, Temperature, Manual Trigger, Virtual Inputs, PTZ Control, System Ready, Schedule<br>File upload: FTP, SFTP, HTTP, HTTPS, network share and email, send video clip<br>Notification: email, HTTP, HTTPS and TCP<br>Overlay text, Send SNMP Trap<br>Video and audio recording to edge storage<br>Pre- and post-alarm video buffering<br>External output activation, day/night vision mode, play audio clip, status LED, WDR mode<br>Defog mode, PTZ control |
| <b>Data streaming</b>                    | Event data  |
| <b>Built-in installation aids</b>        | Leveling assistant<br>i-CS: Remote zoom and focus<br>Other lens: Remote back focus<br>Camera orientation aid<br>Traffic wizard<br>Pixel counter   |
| <b>General</b>                           |   |
| <b>Casing</b>                            | Enclosure: Metal (aluminium)<br>Color: White NCS S 1002-B<br>IP66- and NEMA 4X-rated, IK10 impact resistant aluminum enclosure  |
| <b>Sustainability</b>                    | PVC free  |
| <b>Memory</b>                            | 512 MB RAM, 256 MB Flash  |
| <b>Power</b>                             | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 12.95 W, typical 4.7 W<br>High PoE, max 25.5 W   |
| <b>Connectors</b>                        | RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out<br>RS485/RS422, Terminal block for two configurable inputs/outputs (12 V DC output, max load 50 mA)   |
| <b>Storage</b>                           | Support for microSD/microSDHC/microSDXC card<br>SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>   |
| <b>Operating conditions</b>              | -30 °C to 60 °C (-22 °F to 140 °F) with PoE<br>Down to -40 °C (-40 °F) with Axis High PoE Midspan, max 30 W<br>Humidity 10–100% RH (condensing)   |
| <b>Storage conditions</b>                | -40 °C to 65 °C (-40 °F to 149 °F)  |
| <b>Approvals</b>                         | 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<br>KCC KN32 Class A, KN35<br>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<br>NIST SP500-267   |
| <b>Dimensions</b>                        | 161 x 142 x 404 mm (6 5/16 x 5 9/16 x 15 15/16 in)  |
| <b>Weight</b>                            | 3896 g (8.6 lb)   |
| <b>Included accessories</b>              | AXIS T94Q01A Wall Mount, Sunshield<br>Connector kit, Resistor <sup>®</sup> T20 tool, Installation Guide, Windows decoder 1-user license   |
| <b>Optional accessories</b>              | AXIS T91A47 Pole Mount, AXIS T94R01P Conduit Back Box, VT Corner Mount WCWA, VT Column Mount Ball Joint WFWCA, AXIS T98A16-VE Surveillance Cabinet,<br>Axis optional lenses, AXIS T90B Illuminators,<br>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<br>For more accessories, see <a href="http://axis.com">axis.com</a>   |
| <b>Video management software</b>         | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://axis.com/vms">axis.com/vms</a>  |

|                  |   |   |
|------------------|---|---|
| <b>Languages</b> | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese | Environmental responsibility:<br><a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a> |
| <b>Warranty</b>  | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>      |   |

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).*