

## AXIS Q1635 Network Camera

For details of fast moving objects in difficult lights

AXIS Q1635 offers smooth and highly detailed video at 50/60 frames per second, identifying incidents in fast-paced environments. With its 1/2" sensor, it delivers the very best video quality even in the near infrared (IR). Wide Dynamic Range - Forensic Capture optimizes video, highlighting details and increasing forensic usability. Electronic image stabilization greatly improves video quality when the camera is subject to vibration, resulting in smoother and steadier video. Zipstream analyzes and optimizes the video stream in real time to save bandwidth and storage while maintaining image quality. AXIS Q1635 also offers Lightfinder, remote back focus and pixel counter.

- > **HDTV 1080p at 50/60 fps**
- > **1/2" sensor**
- > **Wide Dynamic Range - Forensic Capture and Lightfinder**
- > **Axis' Zipstream technology**
- > **Electronic Image Stabilization and Shock detection**



# AXIS Q1635 Network Camera

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|--|--|--|---|
| <b>Camera</b>                            |  | <b>Event triggers</b>  | Analytics, Edge storage events, External input<br>Shock detection   |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2"   | <b>Event actions</b>   | File upload: FTP, SFTP, HTTP, HTTPS, network share and email,<br>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,<br>Status LED, WDR mode |
| <b>Lens</b>                              | Varifocal, IR corrected, CS-mount<br>4–13 mm, F1.5 (C-mount lens with C/CS-mount adapter)<br>Horizontal angle of view: 102°–33°<br>DC-iris, Support for P-Iris lens  | <b>Data streaming</b>  | Event data  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter  | <b>Built-in installation aids</b>  | Focus assistant, Pixel counter, Remote back focus<br>Camera orientation aid   |
| <b>Minimum illumination</b>              | Color: 0.1 lux, B/W: 0.01 lux, F1.5<br><b>HDTV 1080p 50/60 fps:</b><br>Color: 0.2 lux, B/W: 0.02 lux, F1.5   | <b>General</b>   |   |
| <b>Shutter time</b>                      | 1/34500 to 2 s   | <b>Casing</b>  | Camera: Metal (zinc)<br>Color: White NCS S 1002-B   |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)   | <b>Memory</b>  | 512 MB RAM, 256 MB Flash  |
| <b>Video</b>                             |  | <b>Power</b>   | 8–28 V DC or Power over Ethernet<br>IEEE 802.3af/802.3at Type 1 Class 3<br>Max 8.0 W  |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile,<br>Motion JPEG  | <b>Connectors</b>  | RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out<br>DC input<br>RS485/RS422, Terminal block for two configurable inputs/outputs<br>(12 V DC output, max load 50 mA)  |
| <b>Resolutions</b>                       | <b>WUXGA 25/30 fps (no WDR):</b> 1920x1200 to 160x90<br><b>HDTV 1080p 25/30 fps (WDR):</b> 1920x1080 to 160x90<br><b>HDTV 1080p 50/60 fps (no WDR):</b> 1920x1080 to 160x90  | <b>Edge storage</b>  | Support for microSD/microSDHC/microSDXC card<br>Support for recording to dedicated network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Frame rate</b>                        | Up to 50/60 fps (50/60 Hz) in all resolutions (no WDR)   | <b>Operating conditions</b>  | 0 °C to 55 °C (32 °F to 131 °F)<br>Humidity 10–85% RH (non-condensing)  |
| <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>Storage conditions</b>  | –40 °C to 65 °C (–40 °F to 149 °F)  |
| <b>Multi-view streaming</b>              | Up to 8 individually cropped out view areas  | <b>Approvals</b>   | EN 55022 Class B, EN 61000–3–2, EN 61000–3–3, EN 55024,<br>EN 61000–6–1, EN 61000–6–2, FCC Part 15 Subpart B Class B,<br>ICES–003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B,<br>IEC/EN/UL 60950–1<br>EN 50121–4<br>KCC KN22 Class B, KN24   |
| <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° including Corridor Format<br>WDR – forensic capture: Up to 120 dB depending on scene, Barrel distortion correction, Day/Night shift level, Electronic Image Stabilization, Local contrast, Defogging | <b>Dimensions</b>  | 82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)   |
| <b>Audio</b>                             |  | <b>Weight</b>  | 938 g (2 lb)  |
| <b>Audio streaming</b>                   | Two-way  | <b>Included accessories</b>  | C/CS lens adapter ring<br>Stand<br>Connector kit, Resistorx T20 tool, Installation Guide, Windows decoder 1-user license  |
| <b>Audio compression</b>                 | AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz<br>Configurable bit rate  | <b>Optional accessories</b>  | Axis optional lenses, AXIS T90B Illuminators,<br>Axis network cable couplers, AXIS T8129 PoE Extender,<br>AXIS T8120 Midspan 15 W 1-port  |
| <b>Audio input/output</b>                | Built-in microphone (can be disabled)<br>External balanced/unbalanced microphone or line input, line output  | <b>Video management software</b>   | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>   |
| <b>Network</b>                           |  | <b>Languages</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese   |
| <b>Security</b>                          | 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  | <b>Warranty</b>  | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>  |
| <b>Supported protocols</b>               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , 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   | a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.openssl.org/">http://www.openssl.org/</a>), and cryptographic software written by Eric Young (<a href="mailto:eyay@cryptsoft.com">eyay@cryptsoft.com</a>).</i> |   |
| <b>System integration</b>                |  | <b>Environmental responsibility:</b><br><a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>   |   |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>  |  |   |
| <b>Analytics</b>                         | AXIS Video Motion Detection 3, Active tampering alarm, Audio detection<br>Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>  |  |   |