

## AXIS Q3617-VE Network Camera

Outstanding image quality with easy installation

Thanks to its 1/1.8" sensor and high-performance image processing, AXIS Q3617-VE supports Lightfinder and WDR - Forensic Capture with optimal image quality in difficult light conditions. It provides 4 MP at 30 fps with WDR, or 6 MP at 20 fps with WDR disabled. AXIS Q3617-VE offers a unique remote pan/tilt/roll/zoom (PTRZ) solution, easy conduit connection and cable management for minimized installation time. The PTRZ capability is also useful if the camera needs to be redirected. Robust and reliable, AXIS Q3617-VE is designed for harsh environments. Electronic image stabilization delivers steady images even during vibrations.

- > [Exceptional video quality with 1/1.8" sensor](#)
- > [Lightfinder and WDR - Forensic Capture](#)
- > [4 MP at 30 fps with WDR](#)
- > [Unique PTRZ capability for efficient installation](#)
- > [Axis Zipstream technology](#)



# AXIS Q3617-VE Network Camera

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|--|---|--|
| <b>Camera</b>                            |   |  |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/1.8"  | Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text, zoom or digital PTZ preset  |
| <b>Lens</b>                              | Varifocal, 4.1–9 mm, F1.6<br>Horizontal field of view:<br>6 MP mode: 101°–46°, 4 MP 16:9 mode: 90°–41°<br>Vertical field of view:<br>6 MP mode: 66°–30°, 4 MP 16:9 mode: 49°–23°<br>Remote focus and zoom, P-Iris control, IR corrected   | <b>Data streaming</b> Event data   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   | <b>Built-in installation aids</b> Pan/tilt/roll: designed to withstand at least 200 full cycles, autoroll, remote zoom, remote focus, pixel counter  |
| <b>Minimum illumination</b>              | Color: 0.15 lux at 50 IRE, F1.6; B/W: 0.03 lux at 50 IRE, F1.6  | <b>General</b>   |
| <b>Shutter time</b>                      | 1/100000 s to 2 s   | <b>Casing</b> IP66-, IP67-, IP6K9K- and NEMA 4X-rated, IK10 impact-resistant casing with polycarbonate dome, aluminum base and dehumidifying membrane<br>Color: White NCS S 1002-B<br>For repainting instructions of casing and impact on warranty, contact your Axis partner.   |
| <b>Camera angle adjustment</b>           | Pan 370°<br>Tilt +/- 81°<br>Roll +/- 110°   | <b>Sustainability</b> PVC free   |
| <b>Video</b>                             |   | <b>Memory</b> 1 GB RAM, 256 MB Flash   |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG  | <b>Power</b> Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3<br>Typical 6.1 W, max 11.4 W  |
| <b>Resolution</b>                        | 3072x2048 to 160x90   | <b>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE   |
| <b>Frame rate</b>                        | 4 MP 16:9 (2720x1536) or 4:3 (2304x1728) with WDR: 25/30 fps with power line frequency 50/60 Hz<br>6 MP (3072x2048) without WDR: 20 fps   | <b>Storage</b> Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264  | <b>Operating conditions</b> -40 °C to 60 °C (-40 °F to 140 °F)<br>Humidity 10–100% RH (condensing)   |
| <b>Multi-view streaming</b>              | Up to 4 individually cropped out view areas   | <b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)   |
| <b>Image settings</b>                    | Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zone, noise reduction, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, text and image overlay, privacy mask, mirroring of images, electronic image stabilization, barrel distortion correction<br>WDR – forensic capture: Up to 115 dB depending on scene | <b>Approvals</b> EMC<br>EN 55022 Class B, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35<br>Safety<br>IEC/EN/UL 60950-22<br>Environment<br>IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/67, ISO 20653 IP6K9K, NEMA 250 Type 4X, IEC/EN 62262 IK10 |
| <b>Pan/Tilt/Zoom</b>                     | 2.2x optical zoom and 2x digital zoom<br>Digital PTZ<br>Optical zoom and digital PTZ preset positions   | <b>Dimensions</b> Depth: 166 mm (6 9/16 in)<br>Depth with weathershield: 224 mm (8 13/16 in)<br>ø 198 mm (7 13/16 in)  |
| <b>Network</b>                           |   | <b>Weight</b> 2.3 kg (5.1 lb) with weather shield  |
| <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>Included accessories</b> AXIS Connector Guard A, Safety hook wire, Installation Guide, Windows decoder 1-user license, Resistor <sup>®</sup> L-key, Weathershield, Mounting bracket, Drill template, Cable gasket, Axis U-shape conduit adapter   |
| <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 <sup>™</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP  | <b>Optional accessories</b> AXIS T94V01L Recessed Mount, AXIS T94V01D Pendant Kit, AXIS T98A17-VE Cabinets, Axis Pole Mounts, Axis Ceiling Mounts, Axis Wall Mounts, AXIS T90B Illuminators, AXIS ACI Conduit Adapter 3/4" NPS, AXIS Q36-VE Smoked Dome, AXIS Surveillance microSDXC <sup>™</sup> Card<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a>   |
| <b>System integration</b>                |   | <b>Video management software</b> AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</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 <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>   | <b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese   |
| <b>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection, active tampering alarm<br><b>Supported</b><br>AXIS Perimeter Defender, AXIS Digital Autotracking<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>  | <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>Event triggers</b>                    | Analytics, Edge storage events, Shock detection   |  |
| <b>Event actions</b>                     | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share and email<br>Pre- and post-alarm video or image buffering for recording or upload  |  |

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

Environmental responsibility:  
[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)