

## AXIS Q3615-VE Network Camera

Outstanding image quality with easy installation

Thanks to its 1/1.9" sensor and high-performance image processing, AXIS Q3615-VE supports Lightfinder and WDR - Forensic Capture with optimal image quality in difficult light conditions. It provides HDTV 1080p video at 30 fps with WDR, or up to 60 fps with WDR disabled. AXIS Q3615-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 Q3615-VE is designed for harsh environments. Electronic image stabilization delivers steady images even during vibrations.

- > **Exceptional video quality with 1/1.9" sensor**
- > **Lightfinder and WDR - Forensic Capture**
- > **HDTV 1080p up to 60 fps**
- > **Unique remote PTRZ capability for efficient installation**
- > **Axis Zipstream technology**



# AXIS Q3615-VE Network Camera

## Camera

### Image sensor

Progressive scan RGB CMOS 1/1.9"

### Lens

Varifocal, 4.1–9 mm, F1.6

Horizontal field of view: 100°–46°

Vertical field of view: 60°–29°

Remote focus and zoom, P-Iris control, IR corrected

### Day and night

Automatically removable infrared-cut filter

### Minimum illumination

HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder:

Color: 0.1 lux at 50 IRE, F1.6; B/W: 0.02 lux at 50 IRE, F1.6

HDTV 1080p 50/60 fps:

Color: 0.2 lux at 50 IRE, F1.6; B/W: 0.03 lux at 50 IRE, F1.6

### Shutter speed

1/52500 s to 2 s

### Camera adjustment

Pan 370°

Tilt +/- 81°

Roll +/- 110°

## Video

### Video compression

H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles

Motion JPEG

### Resolution

1920x1200 to 160x90

### Frame rate

HDTV 1080p (1920x1080) with WDR: 25/30 fps with power line frequency 50/60 Hz

HDTV 1080p (1920x1080) without WDR: 50/60 fps with power line frequency 50/60 Hz

WUXGA (1920x1200) without WDR: 25/30 fps with power line frequency 50/60 Hz

### Video streaming

Multiple, individually configurable streams in H.264 and Motion JPEG

Axis Zipstream technology in H.264

Controllable frame rate and bandwidth

VBR/ABR/MBR H.264

### Multi-view streaming

2 individually cropped out view areas

### Image settings

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

WDR – forensic capture: Up to 120 dB depending on scene

### Pan/Tilt/Zoom

2.2x optical zoom and 2x digital zoom

Digital PTZ

Optical zoom and digital PTZ preset positions

## Network

### Security

Password protection, IP address filtering, HTTPS<sup>1</sup> encryption, IEEE 802.1x (EAP-TLS)<sup>1</sup> network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection, signed firmware

### Network protocols

IPv4, IPv6, IPv6 USGv6, HTTP, HTTPS<sup>1</sup>, SSL/TLS<sup>1</sup>, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP<sup>TM</sup>, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1

1. 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).

## System integration

### Application Programming Interface

Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at [axis.com](https://axis.com)

One-click cloud connection

ONVIF® Profile S and ONVIF® Profile G, ONVIF® Profile T, specification at [onvif.org](https://onvif.org)

### Event triggers

Analytics, Edge storage events, Shock detection

### Event actions

Record video: SD card and network share

Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share and email

Pre- and post-alarm video or image buffering for recording or upload

Notification: email, HTTP, HTTPS, TCP and SNMP trap

Overlay text, zoom or digital PTZ preset

### Data streaming

Event data

### Built-in installation aids

Pan/tilt/roll: designed to withstand at least 200 full cycles, autoroll, remote zoom, remote focus, pixel counter

## Analytics

### Applications

#### Included

AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard

AXIS Video Motion Detection, active tampering alarm

#### Supported

AXIS Perimeter Defender

Support for AXIS Camera Application Platform enabling installation of third-party applications, see [axis.com/acap](https://axis.com/acap)

## General

### Casing

IP66-, IP67-, IP6K9K- and NEMA 4X-rated, IK10 impact-resistant casing with polycarbonate dome, aluminum base and dehumidifying membrane

Color: White NCS S 1002-B

For repainting instructions of casing and impact on warranty, contact your Axis partner.

### Mounting

Mounting bracket with holes for junction boxes (double-gang, single-gang, 4" octagon and 4" square) and for wall or ceiling mount  
¾" (M25) conduit side entries

### Sustainability

PVC free

### Memory

512 MB RAM, 256 MB Flash

### Power

Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3

Typical 4.5 W, max 10.4 W

### Connectors

Shielded RJ45 10BASE-T/100BASE-TX PoE

### Storage

Support for microSD/microSDHC/microSDXC card

Support for SD card encryption

Support for recording to network-attached storage (NAS)

For SD card and NAS recommendations see [axis.com](https://axis.com)

### Operating conditions

-40 °C to 60 °C (-40 °F to 140 °F)

Humidity 10–100% RH (condensing)

### Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F)

Humidity 5–95% RH (non-condensing)

## Approvals

### EMC

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

### Safety

IEC/EN/UL 60950-22

### Environment

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

### Network

NIST SP500-267

## Languages

English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

## Warranty

5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

## Dimensions

Depth: 166 mm (6 9/16 in)

Depth with weathershield: 224 mm (8 13/16 in)

Ø 198 mm (7 13/16 in)

## Weight

2.3 kg (5.1 lb) with weather shield

## Included accessories

AXIS Connector Guard A, Safety hook wire, Installation Guide, Windows decoder 1-user license, Resistorx® L-key, Weathershield, Mounting bracket, Drill template, Cable gasket, Axis U-shape conduit adapter

## Optional accessories

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™ Card

For more accessories, see [axis.com](https://axis.com)

## Video management software

AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at [axis.com/vms](https://axis.com/vms)