AXIS Q3709-PVE Network Camera
Multi-sensor, multi-megapixel – 180° overview. One camera.

AXIS Q3709-PVE Network Camera is a fixed dome with multiple sensors that provides a broad overview with great detail. The camera’s three sensors together give a 180° panoramic view with smooth capture of movements at up to 30 fps in 3 x 4K or 20 fps in 33 MP resolution. The factory-focused lenses eliminate the need for manual focusing. The camera is effectively installed indoors or outdoors with a wide operating temperature range powered by standard PoE+. AXIS Q3709-PVE is delivered with a repaintable weather shield that protects against sun, rain or snow. The camera is equipped with video motion detection as well as active tampering alarm.

> 180° panoramic overview provided by three sensors
> Efficient one-camera installation
> Factory-focused lenses
> 3 x 4K at 30 fps or up to 33 MP resolution at 20 fps
> Outdoor-ready with wide operating temperature range
**AXIS Q3709-PVE Network Camera**

### Camera
- **Image sensor**: 3 x 1/2.3" progressive scan CMOS
- **Lens**: 3 x lenses, fixed focus, 5.0 mm, F2.8
  - Combined horizontal angle of view: 180°
- **Day and night**: Automatically removable infrared-cut filter
- **Minimum illumination**: Color: 2 lux, F2.8
  - B/W: 0.4 lux, F2.8
- **Shutter time**: 1/23250 s to 2/5 s
- **Camera angle adjustment**: Pan +/- 180°
  - Tilt 18°–75°

### Video
- **Video compression**: H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles
- **Motion JPEG**
- **Resolution**: 3 x (3840x2880 to 320x240)
- **Frame rate**: 3 x 4K Ultra HD: Up to 25/30 fps with power line frequency 50/60 Hz
  - 3 x 11 MP: Up to 16/20 fps with power line frequency 50/60 Hz
  - 3 x 5 MP (16:9): Up to 25/30 fps with power line frequency 50/60 Hz
  - 3 x 5 MP (4:3): Up to 16/20 fps with power line frequency 50/60 Hz
- **Video streaming**: Multiple, individually configurable streams in H.264 and Motion JPEG
  - Controllable frame rate and bandwidth
  - VBR/CBR H.264
- **Image settings**: Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zone, Backlight compensation,
  - WDR – dynamic contrast, Fine tuning of behavior at low light, Text and image overlay, Privacy mask, Capture alignment
- **Pan/Tilt/Zoom**: Digital PIZ, Preset positions, Guard tour

### Network
- **Security**: Password protection, IP address filtering, HTTPS encryption,
  - IEEE 802.1x® network access control, Digest authentication, User access log, Centralized Certificate Management, Cross-Origin Resource Sharing
- **Supported protocols**: IPv4/IPv6, HTTP, HTTPS, SSL/TLS®, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MB-II), DNS, DynDNS, NTP, RTP, RTMP, RTSP, 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
  - ONVIF Profile S, specification at www.onvif.org
- **Analytics**: Video motion detection, Active tampering alarm
  - 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/ocsp
- **Event triggers**: Analytics, Edge storage events
- **Event actions**: File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap
  - Video recording to edge storage
  - Pre- and post-alarm video buffering
  - Overlay text
- **Built-in installation aids**: Pixel counter

### General
- **Casing**: IP66- and NEMA 4X-rated, IK10 impact-resistant aluminum casing with transparent, polycarbonate cover and dehumidifying membrane
  - Encapsulated electronics
  - Captive screws (resistorx 30)
  - Color: White NCS S1002-B
  - For repainting instructions and impact on warranty contact your Axis partner.
- **Memory**: 3 GB RAM, 768 MB Flash
- **Power**: Power over Ethernet IEEE 802.3at Type 2 Class 4, max. 23.1 W, typical 16.7 W
- **Connectors**: Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T
- **Storage**: Support for recording to dedicated network-attached storage (NAS)
- **Operating conditions**: –40 °C to 55 °C (-40 °F to 131 °F)
  - Arctic Temperature Control: Start-up as low as –40 °C (-40 °F)
  - Humidity 10–100% RH (condensing)
- **Storage conditions**: –40 °C to 65 °C (-40 °F to 149 °F)
- **Dimensions**: 205 x 205 x 172 mm (8.1 x 8.1 x 6.8 in)
- **Weight**: 2.2 kg (4.8 lb) including weather shield
- **Included accessories**: RJ45 Push-pull connector (IP66), L-key, Weather shield, Installation Guide, Windows decoder 3-user license
- **Optional accessories**: Axis Mounts
  - AXIS PoE+ Midspan
  - AXIS T8604 Media Converter Switch
  - AXIS T8129 PoE Extender
  - AXIS T8415 Wireless Installation Tool
  - AXIS P8221 Network /& Audio Module
  - RJ45 IP66-rated cables with premounted connector (Cat 6)
  - For more accessories, see www.axis.com
- **Video management software**: AXIS Camera Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available on www.axis.com/techsup/software
- **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 (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).
- **Environmental responsibility**: axis.com/environmental-responsibility

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