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 PTZ, Preset positions, Guard tour

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management, Cross-Origin Resource Sharing
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, 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/acap
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)
Approvals	EN 55022 Class A, EN 50121-4, IEC62236-4, 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, C-tick AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, EN 50581, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-30, IEC 60068-2-78, IEC/EN 62262 IK10
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+ Midspans AXIS T8604 Media Converter Switch AXIS T8129 PoE Extender AXIS T8415 Wireless Installation Tool AXIS P8221 Network I/O 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:

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