

## 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		General	
<b>Image sensor</b>	3 x 1/2.3" progressive scan CMOS	<b>Casing</b>	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.
<b>Lens</b>	3 x lenses, fixed focus, 5.0 mm, F2.8 Combined horizontal angle of view: 180°	<b>Memory</b>	3 GB RAM, 768 MB Flash
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Power</b>	Power over Ethernet IEEE 802.3at Type 2 Class 4, max. 23.1 W, typical 16.7 W
<b>Minimum illumination</b>	Color: 2 lux, F2.8 B/W: 0.4 lux, F2.8	<b>Connectors</b>	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T
<b>Shutter speed</b>	1/23250 s to 2/5 s	<b>Storage</b>	Support for recording to dedicated network-attached storage (NAS)
<b>Camera angle adjustment</b>	Pan +/- 180° Tilt 18°-75°	<b>Operating conditions</b>	-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)
Video		<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Approvals</b>	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
<b>Resolution</b>	3 x (3840x2880 to 320x240)	<b>Dimensions</b>	205 x 205 x 172 mm (8.1 x 8.1 x 6.8 in)
<b>Frame rate</b>	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	<b>Weight</b>	2.2 kg (4.8 lb) including weather shield
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264	<b>Included accessories</b>	RJ45 Push-pull connector (IP66), L-key, Weather shield, Installation Guide, Windows decoder 3-user license
<b>Image settings</b>	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	<b>Optional accessories</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Pan/Tilt/Zoom</b>	Digital PTZ, Preset positions, Guard tour	<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>
Network		<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<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, Cross-Origin Resource Sharing	a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ( <a href="http://www.openssl.org">www.openssl.org</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTP/2, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>	
System integration			
<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> ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Analytics</b>	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 <a href="http://www.axis.com/acap">www.axis.com/acap</a>		
<b>Event triggers</b>	Analytics, Edge storage events		
<b>Event actions</b>	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		
<b>Built-in installation aids</b>	Pixel counter		