

## AXIS Q1941-E Thermal Network Camera

### Outstanding detection and powerful video analytics

AXIS Q1941-E is an affordable outdoor, bullet style, thermal camera with a built-in window heater for harsh weather conditions. A resolution of 384x288 and a range of lenses alternatives (7 mm, 13mm, 19 mm, 35 mm and 60 mm) make it possible to optimize detection performance to meet most requirements. It supports Electronic Image Stabilization that keeps the video smooth during vibrations, and Axis' Zipstream that lowers bandwidth and storage requirements. Thanks to its powerful processor, AXIS Q1941-E has high capacity for running video analytics via AXIS Camera Application Platform (ACAP) and can use a range of third party applications.

- > [High performance for intelligent video analytics via ACAP](#)
- > [Outstanding image contrast gives reliable detection and fast verification](#)
- > [Electronic Image Stabilization](#)
- > [Axis' Zipstream technology](#)



# AXIS Q1941-E Thermal Network Camera

<b>Models</b>	AXIS Q1941-E 7 mm/13 mm/19 mm/35 mm/60 mm	<b>Casing</b>	IP66- and IP67-rated metal casing (Aluminium) with integrated dehumidifying membrane and a germanium window Color: White NCS S 1002-B
<b>Camera</b>		<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Image sensor</b>	Uncooled Micro bolometer 384x288, pixel pitch: 17µm	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, Typical 4.4 W, max 11.5 W 8–28 V DC, Typical 10 W, max. 13 W, or 20–24 V AC 50–60 Hz, Typical 15 VA, max. 18 VA, power supply not included
<b>Lens</b>	7 mm: 55° view <sup>a</sup> , F1.2 13 mm: 28° view <sup>a</sup> , F1.0 19 mm: 19.4° view <sup>a</sup> , F1.23 35 mm: 10.7° view <sup>a</sup> , F1.2 60 mm: 6.2° view <sup>a</sup> , F1.25	<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE, I/O connector for DC or AC input, two configurable inputs/outputs and mic in/line in, line out. (AXIS Multicable A I/O Audio not included) AC/DC input
<b>Sensitivity</b>	NETD < 70 mK	<b>Edge storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Video</b>		<b>Operating conditions</b>	–40 °C to 60 °C (32 °F to 140 °F) Humidity 10–100% RH (condensing)
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Storage conditions</b>	–40 °C to 70 °C (–40 °F to 158 °F)
<b>Resolutions</b>	Sensor is 384x288. Image can be scaled up to 768x576	<b>Approvals</b>	EMC EN 55022 Class A, EN 50121-4, IEC 62236, 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 CISPR22 Class A, KCC KN22 Class A, KN24, Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, Environment EN 50581, IEC 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6 Class 4M4, IEC 60068-2-27, IEC 60068-2-52, IEC 60721-3-4 Class 4K3
<b>Frame rate</b>	Up to 8.3 fps and 30 fps	<b>Weight</b>	AXIS Q1941-E 7 mm: 2000 g (4.4 lb) AXIS Q1941-E 13 mm: 2000 g (4.4 lb) AXIS Q1941-E 19 mm: 2000 g (4.4 lb) AXIS Q1941-E 35 mm: 2100 g (4.6 lb) AXIS Q1941-E 60 mm: 2200 g (4.9 lb)
<b>Video streaming</b>	At least three H.264 and Motion JPEG streams, simultaneous and individually configured in max. resolution in full frame rate Axis' Zipstream Technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, AXIS Motion Detection 3, Torx T20 screw driver, Wall and ceiling mount bracket, Terminal block connector
<b>Image settings</b>	Compression, Brightness, Sharpness, Contrast, Exposure zone, Rotation: 0°, 90°, 180°, 270° including Corridor Format, Text and image overlay, Privacy mask, Mirroring of images, Electronic Image Stabilization	<b>Optional accessories</b>	Axis PoE Midspans, AXIS T8129 PoE Extender, AXIS T8640 PoE+ over Coax Adapter Kit, AXIS T8604 Media Converter Switch, AXIS T98A17-VE Surveillance Cabinet, AXIS T91A47 Pole Mount, AXIS T8415 Wireless Installation Tool, AXIS Multicable A I/O Audio For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Audio</b>		<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>
<b>Audio streaming</b>	Two-way, full duplex	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<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>Audio input/output</b>	External microphone input or line input, Line output	<b>Export control</b>	This product is subject to export control regulations. You should always consult and comply with the regulations of the appropriate local export control authorities.
<b>Network</b>		<b>Footnote</b>	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	a.	Horizontal angle of view
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</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, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	b.	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>System integration</b>		More information is available at <a href="http://www.axis.com">www.axis.com</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> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Analytics</b>	Video motion detection, Audio detection, Shock detection Support for AXIS Camera Application Platform, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>		
<b>Event triggers</b>	Analytics, External input, Temperature, Edge storage events, Time schedule		
<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP and SNMP trap External output activation Video and audio recording to edge storage Play audio clip Pre- and post-alarm video buffering Overlay text		
<b>Data streaming</b>	Event data		
<b>Built-in installation aids</b>	Pixel counter		
<b>General</b>			