

# AXIS Q1942-E PT Mount Thermal Network Camera

## Wide VGA thermal coverage with pan/tilt flexibility

The bullet-style, outdoor-ready AXIS Q1942-E PT Mount offers the possibility of mounting the camera on a pan/tilt motor to increase installation flexibility. The thermal resolution of 640x480 and a range of lenses make it easy to detect and verify people, objects and incidents from pitch dark areas to a sunlit parking lot. A noise filter gives improved thermal image contrast while keeping noise levels low, without adding blur and ghost effects. AXIS Q1942-E PT Mount withstands harsh weather conditions and has a built-in heater for the window. Additionally, it offers Power over Ethernet and has a microSD card slot.

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- > [Electronic Image Stabilization](#)
- > [Axis Zipstream](#)



## AXIS Q1942-E PT Mount Thermal Network Camera

<b>Models</b>	AXIS Q1942-E PT Mount 10 mm, 19 mm, 35 mm, 60 mm	<b>Casing</b>	IP66- and NEMA 4X-rated Metal casing (aluminum) with integrated dehumidifying membrane and a germanium window Color: White NCS S 1002-B
<b>Camera</b>		<b>Sustainability</b>	PVC free
<b>Image sensor</b>	Uncooled Micro bolometer 640x480, pixel size: 17 µm Spectral range: 8-14 µm	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Lens</b>	Athermalized <b>10 mm</b> Horizontal field of view: 63°, F1.24 Near focus distance: 2.8 m (9.2 ft) <b>19 mm</b> Horizontal field of view: 31°, F1.23 Near focus distance: 9.2 m (30 ft) <b>35 mm</b> Horizontal field of view: 17°, F1.20 Near focus distance: 33 m (108 ft) <b>60 mm</b> Horizontal field of view: 10°, F1.25 Near focus distance: 91 m (300 ft)	<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 11.8 W 8-28 V DC, typical 6.6 W, max 13 W 20-24 V AC (50/60 Hz), typical 11 VA, max 19 VA Power supply not included.
<b>Sensitivity</b>	NETD < 50 mK	<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE Terminal block for power RS485/RS422 for pan/tilt control
<b>Pan/Tilt</b>	Preset positions, Guard tour, Driver selection, Control queue	<b>Storage</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Video</b>		<b>Operating conditions</b>	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 10-100% RH (condensing) De-icing capability, compliant to MIL-STD-810F Method 521.3
<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>Resolution</b>	Sensor is 640x480. Image can be scaled up to 800x600 (SVGA).	<b>Approvals</b>	EMC EN 55022 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR22 Class A KCC KN32 Class A, KN35 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 Environment EN 50581, 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, MIL-STD-810F Method 521.3 IEC 60529 IP66
<b>Frame rate</b>	Up to 8.3 fps and 30 fps	<b>Dimensions</b>	309 x 105 mm (12 3/16 x 4 1/8 in)
<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>Weight</b>	<b>10/19 mm:</b> 1800 g (4.0 lb) <b>Mount 35 mm:</b> 1900 g (4.2 lb) <b>Mount 60 mm:</b> 2000 g (4.4 lb)
<b>Image settings</b>	Compression, brightness, sharpness, contrast, exposure zone, text and image overlay, privacy mask, mirroring of images, electronic image stabilization, multiple palettes Rotation: 0°, 180°	<b>Included accessories</b>	Torx® T20 screw driver, Terminal block connector Installation Guide, Windows decoder 1-user license
<b>Network</b>		<b>Optional accessories</b>	Axis PoE Midspans, AXIS T8129 PoE Extender, AXIS T8640 PoE+ over Coax Adapter Kit, AXIS T8604 Media Converter Switch AXIS T8415 Wireless Installation Tool AXIS T8310 Control Board For more accessories, see <a href="http://www.axis.com">www.axis.com</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	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , 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, LLDP	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>System integration</b>		<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>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 <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<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>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, shock detection <b>Supported</b> AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Event triggers</b>	Analytics, temperature, external input, time scheduled, edge storage events PTZ preset
<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS network share, email Notification: email, HTTP, HTTPS and TCP, SNMP trap External output activation Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, guard tour, overlay text	<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS network share, email Notification: email, HTTP, HTTPS and TCP, SNMP trap External output activation Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, guard tour, overlay text
<b>Data streaming</b>	Event data	<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter	<b>Built-in installation aids</b>	Pixel counter
<b>General</b>		<p>a. <i>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>).</i></p> <p><b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a></p>	