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.

- VGA thermal imaging
- PT mount-ready
- Powerful performance for video analytics
- Electronic Image Stabilization
- Axis Zipstream
## AXIS Q1942-E PT Mount Thermal Network Camera

<table>
<thead>
<tr>
<th>Models</th>
<th>AXIS Q1942-E PT Mount 10 mm, 19 mm, 35 mm, 60 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Camera</strong></td>
<td></td>
</tr>
<tr>
<td>Image sensor</td>
<td>Uncooled Micro bolometer 640x480, pixel size: 17 µm Spectral range: 8-14 µm</td>
</tr>
<tr>
<td>Lens</td>
<td>Athermalized 10 mm Horizontal field of view: 63°, F1.24 Near focus distance: 2.8 m (0.2 ft) 19 mm Horizontal field of view: 31°, F1.23 Near focus distance: 9.2 m (30 ft) 35 mm Horizontal field of view: 17°, F1.20 Near focus distance: 33 m (108 ft) 60 mm Horizontal field of view: 10°, F1.25 Near focus distance: 91 m (300 ft)</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>NETD &lt; 50 mK</td>
</tr>
<tr>
<td>Pan/Tilt</td>
<td>Preset positions, Guard tour, Driver selection, Control queue</td>
</tr>
<tr>
<td><strong>Video</strong></td>
<td></td>
</tr>
<tr>
<td>Video compression</td>
<td>H.264 (MPEG-4 Part 10(AVC), Main and High Profiles Motion JPEG</td>
</tr>
<tr>
<td>Resolution</td>
<td>Sensor is 640x480. Image can be scaled up to 800x600 (SVGA),</td>
</tr>
<tr>
<td>Frame rate</td>
<td>Up to 8.3 fps and 30 fps</td>
</tr>
<tr>
<td>Video streaming</td>
<td>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/MHR H.264</td>
</tr>
<tr>
<td>Image settings</td>
<td>Compression, brightness, sharpness, contrast, exposure zone, text and image overlay, privacy mask, mirroring of images, electronic image stabilization, multiple palettes Rotation: 0°, 180°</td>
</tr>
<tr>
<td><strong>Network</strong></td>
<td></td>
</tr>
<tr>
<td>Security</td>
<td>Password protection, IP address filtering, HTTPS® encryption, IEEE 802.1X® network access control, Digest authentication, User access log, Centralized Certificate Management</td>
</tr>
<tr>
<td>Supported protocols</td>
<td>IPv4/ipv6, HTTP, HTTPS®, SSL/TLS®, QoS Layer 1 DiffServ, FTP, CIF/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</td>
</tr>
<tr>
<td><strong>System Integration</strong></td>
<td>Application Programming Interface Open API for software integration, including VAPIX® 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 and ONVIF® Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a></td>
</tr>
<tr>
<td>Analytics</td>
<td>Included AXIS Video Motion Detection, shock detection Supported AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/apcap">www.axis.com/apcap</a></td>
</tr>
<tr>
<td>Event triggers</td>
<td>Analytics, temperature, external input, time scheduled, edge storage events PTZ preset</td>
</tr>
<tr>
<td>Event actions</td>
<td>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</td>
</tr>
<tr>
<td>Data streaming</td>
<td>Event data</td>
</tr>
<tr>
<td>Built-in installation aids</td>
<td>Pixel counter</td>
</tr>
</tbody>
</table>

### Casing
- IP66- and NEMA 4X-rated Metal casing (aluminum) with integrated dehumidifying membrane and a germanium window
- Color: White NCS S 1002-B

### Sustainability
- PVC free

### Memory
- 512 MB RAM, 256 MB Flash

### Power
- 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.

### Connectors
- RJ45 10BASE-T/100BASE-TX PoE Terminal block for power RS485/RS422 for pan/tilt control

### Storage
- 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 www.axis.com

### Operating conditions
- -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

### Storage conditions
- -40 °C to 70 °C (-40 °F to 158 °F)

### Approvals
- **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 60950−2
  - Environment
    - EN 60581, NEMA 250 Type 4X, IEC 60068−2−1, IEC 60068−2−2, IEC 60068−2−27, IEC 60068−2−2, IEC 60721−3−4 Class 4K, MIL−STD−810F Method 521.3
  - IEC 60529 IP66

### Dimensions
- 309 x 105 mm (12 3/16 x 4 1/8 in)

### Weight
- 10/19 mm: 1800 g (4.0 lb)
- Mount 35 mm: 1900 g (4.2 lb)
- Mount 60 mm: 2000 g (4.4 lb)

### Included accessories
- Torx® 120 screw driver, Terminal block connector
- Installation Guide, Windows decoder 1-user license

### Optional accessories
- Axis PoE Mid spas, 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 www.axis.com

### Video management software
- AXIS Companion, AXIS Camera Station, Video management software from Axis’ Application Development Partners available on www.axis.com/vms

### Languages
- English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

### Warranty
- Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

### Export control
- This product is subject to export control regulations. You should always consult and comply with the regulations of the appropriate local export control authorities.

- 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
- www.axis.com/environmental-responsibility