

AXIS Q1941-E PT Mount Thermal Network Camera

Wide thermal coverage with pan/tilt flexibility

The bullet-style, outdoor-ready AXIS Q1941-E PT Mount offers the possibility of mounting the camera on a pan/tilt motor to increase installation flexibility. The broad 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 Q1941-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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AXIS Q1941-E PT Mount Thermal Network Camera

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|--|---|-----------------------------------|--|
| Models | AXIS Q1941-E PT Mount 7 mm, 13 mm, 19 mm, 35 mm, 60 mm | Built-in installation aids | Pixel counter |
| Camera | | | |
| Image sensor | Uncooled Micro bolometer 384x288, pixel size: 17 µm Spectral range: 8-14 µm | General | |
| Lens | Athermalized 7 mm Horizontal field of view: 55°, F1.18 Near focus distance: 1.3 m (4.3 ft) 13 mm Horizontal field of view: 28°, F1.0 Near focus distance: 5.3 m (17 ft) 19 mm Horizontal field of view: 19.4°, F1.23 Near focus distance: 9.2 m (30 ft) 35 mm Horizontal field of view: 10.5°, F1.2 Near focus distance: 33 m (108 ft) 60 mm Horizontal field of view: 6.2°, F1.25 Near focus distance: 91 m (300 ft) | Casing | IP66- and NEMA 4X-rated Metal casing (aluminum) with integrated dehumidifying membrane and a germanium window Color: White NCS S 1002-B |
| Sensitivity | NETD < 70 mK | Sustainability | PVC free |
| Pan/Tilt | Preset positions, guard tour, driver selection, control queue | Memory | 512 MB RAM, 256 MB Flash |
| Video | | | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | 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. |
| Resolution | Sensor is 384x288. Image can be scaled up to 768x576. | Connectors | RJ45 10BASE-T/100BASE-TX PoE Terminal block for power RS485/RS422 for pan/tilt control |
| Frame rate | Up to 8.3 fps and 30 fps | 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 axis.com |
| Video streaming | 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/ABR/MBR H.264 | 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 |
| Image settings | Compression, brightness, sharpness, contrast, exposure zone, text and image overlay, privacy mask, mirroring of images, electronic image stabilization, multiple palettes Rotation: 0°, 180° | Storage conditions | -40 °C to 70 °C (-40 °F to 158 °F) |
| Network | | | |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware | 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 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 Network NIST SP500-267 |
| Supported protocols | IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP | Dimensions | 309 x 105 mm (12 3/16 x 4 1/8 in) |
| System integration | | | |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S specification at onvif.org | Weight | 7/13/19 mm: 1800 g (4.0 lb) 35 mm: 1900 g (4.2 lb) 60 mm: 2000 g (4.4 lb) |
| Analytics | Included AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, shock detection Supported AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap | Included accessories | Torx [®] T20 screw driver, Terminal block connector Installation Guide, Windows [®] decoder 1-user license |
| Event triggers | Analytics, temperature, external input, time scheduled, edge storage events PTZ preset | Optional accessories | 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 axis.com |
| Event actions | 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 | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms |
| Data streaming | Event data | 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 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 (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility