AXIS Q2901-E PT Mount Temperature Alarm Camera
PT mount-ready and remote temperature monitoring

The outdoor-ready, bullet-style AXIS Q2901-E PT Mount delivers thermal imaging in 336x256 resolution. Mounted on a pan-tilt motor, the camera can cover larger areas. AXIS Q2901-E PT Mount supports up to six temperature alarm zones that can be used to trigger an alarm. It offers two kinds of alarms triggered by a deviation of the temperature: if the temperature goes beyond a set limit, or if it increases too rapidly. The spot temperature functionality is used to view the temperature of a particular area. Isothermal palettes highlight temperature-spans in the image, visualizing hot spots to identify overheated equipment or areas.

> **PT mount-ready**

> **Temperature alarm**

> **Isothermal palettes**

> **Spot temperature reading**

> **High performance intelligent video**

AXIS Q2901-E PT Mount Temperature Alarm Camera

Models	AXIS Q2901-E PT Mount 9 mm AXIS Q2901-E PT Mount 19 mm

Camera

Image sensor	Uncooled Micro bolometer 336x256 pixels, Pixel size 17 µm, Spectral range: 8-14 µm
Lens	**9 mm:** F 1.25, horizontal field of view: 35°, min. focus distance: 2.1 m (78.7 in) **19 mm:** F 1.25, horizontal field of view: 17° view, min. focus distance: 9.5 m (354.3 in)
Detection range	The size of a monitored object is recommended to cover at least 10x10 pixels in 336x256.
Sensitivity	NETD < 50 mK

Thermography

Object temperature range	-40 °C to 550 °C (-40 °F to 1022 °F)
Temperature accuracy	Below 100 °C (212 °F): +/- 5 °C (+/-9 °F) accuracy Below 150 °C (302 °F): +/- 5% accuracy Above 150 °C (302 °F): +/- 20% accuracy

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Main and Baseline Profile Motion JPEG
Resolution	Sensor is 336x256. Image can be scaled up to 720x576
Frame rate	Up to 8.3 fps
Video streaming	3 individual streams[a] in H.264 and Motion JPEG: simultaneous, individually configured streams in max. resolution at 8.3 fps Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Sharpness, Automatic gain control, Exposure zones, Gain, Rotation, Palette, Isothermal palette, Compression, Mirroring, Text and image overlay and Privacy masks
Pan/Tilt/Zoom	Preset positions, Guard tour, Driver selection, Control queue

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log, Centralized certificate management
Network protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF Profile S and ONVIF Profile G, specification at *www.onvif.org*
Analytics	AXIS Video Motion Detection 4, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Analytics, Temperature detection (6 alarm zones), Hardware temperature, Edge storage events, Shock detection, Time scheduled, Motion Detection, Live Stream Accessed
Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP Status LED, Text overlay, SNMP, Pre- and post-alarm video buffering, Video recording to edge storage, Network share Guard tour, PTZ preset
Built-in installation aids	Pixel counter
Data streaming	Event data

General

Casing	IP66- and NEMA 4X-rated metal casing (aluminium) with integrated dehumidifying membrane and a germanium window
	Color: White NCS S 1002-B. For repainting instructions and impact on warranty, contact your Axis partner
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max. 10 W, 8-28 V DC, max. 11 W or 20-24 V AC 50-60 Hz, max. 15 VA, Power supply not included
Connectors	RJ45 10BASE-T/100BASE-TX PoE, Terminal block for power RS485/RS422 for Pan/Tilt control
Storage	SD card slot supporting microSD/microSDHC/microSDXC cards (card not included). 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)
Approvals	**Emission and immunity** EN 55022 Class A, EN 50121-4, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, ITE, C-Tick AS/NZS CISPR22 Class A, KCC KN22 Class A, KN-24 **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, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78 **Network** NIST SP500-267
Weight	1.8 kg (4.0 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, AVHS Authentication key, AXIS Video Motion Detection 3, AXIS Connector A 2-pin 5.08 Straight Torx T20 screw driver, PT Mount Bracket
Optional accessories	AXIS T8120/T8123-E midspans, Network cable couplers, AXIS T8129 PoE Extender, AXIS T8604 Media Converter, AXIS T8640 Ethernet over Coax Adapter PoE+, AXIS PS24 Mains Adapter, AXIS T8006 PS12 Power Supply, AXIS T8414 Installation Display YP3040 Pan-Tilt Motor and wall bracket, AXIS T91A04/T91A05 Camera Holders, AXIS T91A50 Telescopic Ceiling Mount (requires AXIS T91A05 Camera Holder), VT Ceiling bracket ball joint WCM5A, VT Wall bracket ball joint WBJA, VT Column mount ball joint WFMCA, AXIS T91A21 Stand
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/support/downloads*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see *axis.com/warranty*
Export control	The product contains U.S.-origin controlled technology/component, the US Export Administration Regulations (EAR) are always applicable to the product. You should comply at all times with all applicable national and international (re-)export control regulations.

a. *Individual palette cannot be set per video stream*
b. *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:

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