

AXIS Q1931-E PT Mount Thermal Camera

Wide thermal coverage with pan/tilt flexibility

The bullet-style, outdoor-ready AXIS Q1931-E PT Mount allows users to detect people, objects and incidents in complete darkness or difficult conditions. A noise filter gives improved thermal image contrast while keeping noise levels low, without adding blur and ghost effects or losing temperature information. AXIS Q1931-E PT Mount offers the possibility of mounting the camera on a pan/tilt motor to increase installation flexibility. It is designed to withstand harsh weather conditions and has a built-in heater for the window. Easy installation with Power over Ethernet (IEEE 802.3af). The cameras also have a memory card slot for storing recordings locally.

- > [Thermal imaging](#)
- > [PT mount-ready](#)
- > [Intelligent video applications included](#)
- > [Shock detection](#)
- > [Multiple lens options](#)



AXIS Q1931-E PT Mount Thermal Camera

Models	AXIS Q1931-E PT Mount 7/13/35 or 60 mm		Casing	IP66- and NEMA 4X-rated metal casing (Aluminium) with integrated dehumidifying membrane and a germanium window Color: White NCS S 1002-B
Camera				
Image sensor	Uncooled Micro bolometer 384x288, pixel size: 17 µm Spectral range: 8-14 µm		Memory	256 MB RAM, 128 MB Flash
Lens	7 mm: Horizontal angle of view: 55°, F1.2 13 mm: Horizontal angle of view: 28°, F1.0 35 mm: Horizontal angle of view: 10.7°, F1.2 60 mm: Horizontal angle of view: 6.2°, F1.25		Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 10 W 8-28 V DC: max 11 W 20-24 V AC (50/60 Hz): max 15 VA Power supply not included.
Sensitivity	NETD < 70 mK		Connectors	RJ45 10BASE-T/100BASE-TX PoE Terminal block for power RS485/RS422 for pan/tilt control
Pan/Tilt/Zoom	Preset positions, Guard tour, Driver selection, Control queue		Edge storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Video				
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG		Operating conditions	-40 °C to 60 °C (-40 °F to 142 °F) Humidity 10-100% RH (condensing)
Resolutions	Sensor is 384x288. Image can be scaled up to 768x576		Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Frame rate	Up to 8.3 fps and 30 fps		Approvals	EN 50121-4, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, 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 EN 55022 Class A, 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
Video streaming	At least three H.264 and Motion JPEG streams using the same palette, simultaneous and individually configured in max. resolution at 30 fps Controllable frame rate and bandwidth, VBR/CBR H.264		Dimensions	309 x 105 mm (12 3/16 x 4 1/8 in)
Image settings	Compression, Brightness, Exposure control, Rotation, Mirroring of images, Text and image overlay, Privacy mask		Weight	7/13 mm: 1800 g (4.0 lb) 35 mm: 1900 g (4.2 lb) 60 mm: 2000 g (4.4 lb)
Network				
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management		Included accessories	Installation Guide, Windows decoder 1-user license, Torx T20 screw driver
Supported protocols	IPv4/v6, 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, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH		Optional accessories	Axis PoE Midspans, AXIS T8129 PoE Extender, AXIS T8640 PoE+ over Coax Adapter Kit, AXIS T8604 Media Converter Switch AXIS YP3040 Pan-Tilt Motor, AXIS YP3040 Wall Bracket, AXIS T8310 Control Board
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 ONVIF Profile S, specification at www.onvif.org		Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Analytics	AXIS Video Motion Detection 2, AXIS Cross Line Detection, Shock detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Event triggers	Analytics, Temperature, External input, Time scheduled, Edge storage events PTZ preset		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP and SNMP trap External output activation Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, Guard tour		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.
Data streaming	Event data		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 (eyay@cryptsoft.com).	
General				

More information is available at www.axis.com