

AXIS Q1941-E Thermal Network Camera

Outstanding detection and powerful video analytics

AXIS Q1941-E is an affordable outdoor, bullet style, thermal camera with a built-in window heater for harsh weather conditions. A resolution of 384x288 and a range of lens alternatives (7 mm, 13 mm, 19 mm, 35 mm and 60 mm) make it possible to optimize detection performance to meet most requirements. It supports Electronic Image Stabilization that keeps the video smooth during vibrations, and Axis Zipstream that lowers bandwidth and storage requirements. Thanks to its powerful processor, AXIS Q1941-E has high capacity for running video analytics via AXIS Camera Application Platform (ACAP) and can use a range of third party applications.

- > High performance for intelligent video analytics via ACAP
- > Outstanding image contrast gives reliable detection and fast verification
- > Electronic Image Stabilization
- > Axis Zipstream technology





AXIS Q1941-E Thermal Network Camera

Models	AXIS Q1941-E 7 mm/13 mm/19 mm/35 mm or 60 mm		Pre- and post-alarm video or image buffering for recording or
Camera			upload Notification: email, HTTP, HTTPS, TCP and SNMP trap
Image sensor	Uncooled Micro bolometer 384x288, pixel size: 17 µm		Overlay text, play audio clip
	Spectral range: 8-14 μm	Data streaming	Event data
Lens	Athermalized	Built-in	Pixel counter
	7 mm Horizontal field of view: 55°, F1.18	installation aids	The counter
	Near focus distance: 1.3 m (4.3 ft)	General	
	13 mm	Casing	IP66-, IP67- and NEMA 4X-rated
	Horizontal field of view: 28°, F1.0 Near focus distance: 5.3 m (17 ft)		Metal casing (aluminum) with integrated dehumidifying
	19 mm		membrane and a germanium window Color: White NCS S 1002-B
	Horizontal field of view: 19.4°, F1.23	Sustainability	PVC free
	Near focus distance: 9.2 m (30 ft) 35 mm	Memory	512 MB RAM, 256 MB Flash
	Horizontal field of view: 10.5°, F1.2	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3
	Near focus distance: 33 m (108 ft) 60 mm	TOWCI	Typical 4.8 W, max 11.8 W
	Horizontal field of view: 6.2°, F1.25		8-28 V DC, typical 6.6 W, max 13 W
	Near focus distance: 91 m (300 ft)		20–24 V AC (50/60 Hz), typical 11 VA, max 19 VA
Sensitivity	NETD < 70 mK	C	Power supply not included.
Video		Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O connector for DC or AC input, two configurable inputs/output
Video	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles		and mic in/line in, line out. (AXIS Multicable A I/O Audio not
compression	Motion JPEG		included), AC/DC input
Resolution	Sensor is 384x288. Image can be scaled up to 768x576.	Storage	Support for microSD/microSDHC/microSDXC card
Frame rate	Up to 8.3 fps and 30 fps		Support for SD card encryption Support for recording to network-attached storage (NAS)
Video streaming	At least three H.264 and Motion JPEG streams, simultaneous and		For SD card and NAS recommendations see www.axis.com
	individually configured in max. resolution in full frame rate Axis Zipstream technology in H.264	Operating	-40 °C to 60 °C (-40 °F to 140 °F)
	Controllable frame rate and bandwidth	conditions	Humidity 10-100% RH (condensing)
	VBR/MBR H.264		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°, 90°, 180°, 270° including Corridor Format	Storage	-40 °C to 70 °C (-40 °F to 158 °F)
		conditions	
		Approvals	EMC
Audio	notation. 0 , 30 , 100 , 270 including contact format		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,
Audio streaming	Two-way, full duplex		ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR22 Class A
Audio	24bit LPCM, AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM		KCC KN22 Class A, KN24
compression	8 kHz, Opus 8/16/48 kHz		Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22
	Configurable bit rate		Environment
Audio	External microphone input or line input, Line output		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,
input/output			IEC 60721-3-4 Class 4K3, MIL-STD-810F Method 521.3
Network			IEC 60529 IP66/IP67
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User	Dimensions	344 x 146 mm (13 9/16 x 5 3/4 in)
	access log, Centralized Certificate Management	Weight	7/13/19/35 mm: 2000 g (4.4 lb)
Supported	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP,		60 mm: 2200 g (4.9 lb)
protocols	CIFS/SMB, SMTP, Bonjour, UPnPTM, SNMP v1/v2c/v3 (MIB-II),	Included	Resistorx® L-key, aall and ceiling mount bracket terminal block
	DNS, Dyndns, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP	accessories	connector Installation Guide, Windows decoder 1-user license
G		Optional	AXIS T98A17-VE Surveillance Cabinet, AXIS T94G01P,
System integro		accessories	AXIS T91A47 Pole Mount, AXIS Multicable A I/O Audio,
Application Programming	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at		Axis PoE Midspans, AXIS T8129 PoE Extender, AXIS T8640 PoE+
Interface	www.axis.com, AXIS Video Hosting System (AVHS) with One-Click		over Coax Adapter Kit, AXIS T8604 Media Converter Switch AXIS T8415 Wireless Installation Tool
	Connection		For more accessories, see www.axis.com
	ONVIF® Profile S and ONVIF® Profile G, specification at www.onvif.org	Video	AXIS Companion, AXIS Camera Station, Video management
Analytics	Included	management	software from Axis' Application Development Partners available
Analytics	AXIS Video Motion Detection, AXIS Motion Guard,	software	on www.axis.com/vms
	AXIS Fence Guard, audio detection	Languages	English, German, French, Spanish, Italian, Russian, Simplified
	Supported AXIS Perimeter Defender		Chinese, Japanese, Korean, Portuguese, Traditional Chinese
	Support for AXIS Camera Application Platform enabling	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
	installation of third-party applications, see www.axis.com/acap	Evnout ocatual	•
Event triggers	Analytics, temperature, external input, time scheduled, edge	Export control	This product is subject to export control regulations. You should always consult and comply with the regulations of the
	storage events		appropriate local export control authorities.
Event actions	Record video: SD card and network share	a This product in al	ludes software developed by the OpenSSI Brainst for use in the
	Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share and email	OpenSSL Toolkit.	udes software developed by the OpenSSL Project for use in the (www.openssl.org), and cryptographic software written by Eric
	Share and Chian	Young (eay@cry	votsoft com)

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Environmental responsibility:

www.axis.com/environmental-responsibility

