

AXIS Q8632-E PT Thermal Network Camera

VGA thermal imaging with pan/tilt positioning

AXIS Q8632-E PT Thermal Network Camera, with VGA resolution, is quick and accurate, allowing the user to have one PT camera with pre-sets instead of several fixed thermal cameras to cover an area. The deterrent design is compliant with IP66 and NEMA 4X for protection against dust, rain and snow. Ideal for high-security industrial and infrastructure installations such as data centers, solar/power plants and electrical substations, as well as borders and harbors. In places with high risk for dust, salt, sand and emission of soot from vehicles, a washer can be purchased to spray cleaning fluid on the window.

- > **VGA thermal imaging**
- > **High speed pan/tilt**
- > **Continuous pan, 360° endless**
- > **Water and dust resistant**
- > **-40 °C to 55 °C (-40 °F to 131 °F)**



AXIS Q8632-E PT Thermal Network Camera

Models	AXIS Q8632-E 24 V AC 8.3 fps AXIS Q8632-E 24 V AC 30 fps AXIS Q8632-E 120 V AC 30 fps AXIS Q8632-E 230 V AC 8.3 fps AXIS Q8632-E 230 V AC 30 fps	Memory	256 MB RAM, 128 MB Flash
Camera		Power	24 V AC 120 V AC 230 V AC Typical: 40 W Max: 55 W
Image sensor	Uncooled Micro bolometer 640x480, pixel pitch: 17µm	Connectors	RJ45 10BASE-T/100BASE-TX network connector Power connector CN1 Signal connector REL1 in CN4
Lens	35 mm, F1.2 Horizontal field of view: 18°	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
Sensitivity	NETD < 70 mK	Operating conditions	-40 °C to 55 °C (-40 °F to 131 °F) Humidity 10-100% RH (condensing) Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C/°F
Pan/Tilt/Zoom	Pan: 360° endless, 0.02°/s to 100°/s Tilt: +90° to -40°, 0.02°/s to 40°/s No zoom Preset accuracy: 0.02° Preset positions, guard tour, driver selection, control queue	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Video		Approvals	EMC EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, VCCI Class A ITE, ICES-003 Class A, RCM AS/NZS CISPR 22 Class A, EN 50121-4 230 V AC: KCC KN22 Class A, KN24
Video compression	H.264 (MPEG-4 Part 10/AVC), H.264 Main and Baseline Profiles Motion JPEG	Environment	IEC/EN 60529 IP66, NEMA 250 4x
Resolutions	Sensor 640x480 with image scaling up to 800x600 (SVGA)	Safety	IEC/EN 60950-1, IEC/EN 60950-22 24 V AC and 120 V AC 30 fps: UL 60950-1, UL 60950-22
Frame rate	Up to 8.3 fps and 30 fps	Dimensions	258 x 584 x 463 mm (10 3/16 x 23 x 18 1/4 in)
Video streaming	Minimum 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/MBR H.264	Weight	17.5 kg (38.6 lb)
Image settings	Compression, brightness, sharpness, exposure control, rotation, mirroring of images, text and image overlay, contrast, multiple palettes	Included accessories	Installation Guide Sunshield
Network		Required hardware	AXIS Wall Bracket K or AXIS Column Bracket K
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management	Optional accessories	AXIS Washer Kit A AXIS T95A64 Corner Bracket AXIS T95A67 Pole Bracket AXIS T98A15-VE Media Converter Cabinet A For more accessories, see www.axis.com
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/support/downloads
System integration		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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 and ONVIF [®] Profile G, specification at www.onvif.org	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Analytics	AXIS Video Motion Detection 4, Shock detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	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.
Event triggers	Analytics, temperature, external input, time scheduled, edge storage events, PTZ preset	Environmental responsibility:	www.axis.com/environmental-responsibility
Event actions	Video recording to edge storage, pre- and post-alarm video buffering, overlay text File upload via FTP, SFTP, HTTP, HTTPS, network share and email Notification via email, HTTP, HTTPS and TCP		
Data streaming	Event data		
Built-in installation aids	Pixel counter		
General			
Casing	IP66- and NEMA 4X-rated aluminum casing and ABS Color: RAL 9002		