

# 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

<b>Models</b>	AXIS Q8632-E 24 V AC 8.3 fps AXIS Q8632-E 24 V AC 30 fps AXIS Q8632-E 120 V AC 8.3 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
<b>Camera</b>	
<b>Image sensor</b>	Uncooled Micro bolometer 640x480, Pixel pitch: 17µm
<b>Lens</b>	35 mm, 18° view <sup>a</sup> , F1.2
<b>Sensitivity</b>	NETD < 70 mK
<b>Pan/Tilt/Zoom</b>	No zoom Preset positions, Guard tour, Driver selection, Control queue Pan: Continuous Tilt: +90° to -40° Pan speed: 0.02°/s to 100°/s Tilt speed: 0.02°/s to 40°/s Preset accuracy: 0.02°
<b>Video</b>	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), H.264 Main and Baseline Profile, Motion JPEG
<b>Resolutions</b>	Sensor is 640x480. Image can be scaled up to 800x600 (SVGA)
<b>Frame rate</b>	Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand Up to 8.3 fps in other countries <sup>b</sup>
<b>Video streaming</b>	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
<b>Image settings</b>	Compression, Brightness, Sharpness, Exposure control, Rotation, Mirroring of images, Text and image overlay, Contrast, Multiple palettes
<b>Network</b>	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>c</sup> encryption, IEEE 802.1X <sup>c</sup> network access control, Digest authentication, User access log
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>c</sup> , SSL/TLS <sup>c</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
<b>System integration</b>	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Camera Connection. ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	Video motion detection, Shock detection, Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3.1 and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics, Temperature, External input, Time scheduled, Edge storage events, PTZ preset
<b>Event actions</b>	File upload: FTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS and TCP Video recording to edge storage, Pre- and post-alarm video buffering, Overlay text
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter
<b>General</b>	
<b>Casing</b>	IP66- and NEMA 4X-rated metal casing (aluminum) and ABS, Color: RAL 9002
<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Power</b>	24 V AC: 4 A 120 AC, 230 V AC: Max.: 55 W Typical: 40 W
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX Network connector Terminal blocks: Power connector CN1, Signal connector REL1 in CN4
<b>Edge storage</b>	SD card slot supporting microSD/microSDHC/microSDXC cards (card not included). Support for recording to dedicated network-attached storage (NAS). For microSD card and NAS recommendations, see <a href="http://www.axis.com">http://www.axis.com</a>
<b>Operating conditions</b>	-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
<b>Approvals</b>	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, C-tick AS/NZS CISPR 22 Class A, EN 50121-4 230 V AC: KCC KN22 Class A, KN24 Environment IEC/EN 60529 IP66, NEMA 250 4x Safety IEC/EN 60950-1, IEC/EN 60950-22 24 V AC and 120 V AC 30 fps: UL 60950-1, UL 60950-22
<b>Dimensions</b>	258 x 584 x 463 mm (10.2 x 23 x 18.2 in)
<b>Weight</b>	17.5 kg (38.6 lb)
<b>Included accessories</b>	Installation Guide, Sunshield, AXIS Video Motion Detection 3.1
<b>Required hardware</b>	AXIS Wall Bracket K or AXIS Column Bracket K
<b>Optional accessories</b>	AXIS Washer Kit A, AXIS T95A64 Corner Bracket, AXIS T95A67 Pole Bracket, AXIS T98A15-VE Media Converter Cabinet A
<b>Video management software</b>	AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see <a href="http://www.axis.com/products/video/software">www.axis.com/products/video/software</a>
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

- a. Horizontal angle of view  
b. Frame rate above 9 fps may be subject to export control regulations  
c. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

More information is available at [www.axis.com](http://www.axis.com)