AXIS Q6032-E PTZ Dome Network Camera

Advanced, outdoor-ready PTZ dome for demanding surveillance.

> **36x optical zoom and 220° tilt**

> **Outdoor-ready and Arctic Temperature Control**

> **Extended D1 resolution, day/night and H.264**

> **Active Gatekeeper and tour recording**

> **High Power over Ethernet**

AXIS Q6032-E PTZ Dome Network Camera is an outdoor-ready, high-performance PTZ dome designed for quick, easy and reliable installation in demanding surveillance applications. It is ideal for use at airports and seaports, as well as for city and perimeter surveillance.

The waterproof and vandal-resistant AXIS Q6032-E provides cost-efficient installation since no external housing is required. Axis' Arctic Temperature Control allows the camera to not only function at -40 °C (-40 °F) but also start up at that temperature.

AXIS Q6032-E has 36x optical and 12x digital zoom. It has a fast and precise pan/tilt response. The camera can also tilt 20° above the horizon for an extended tilt range of 220°, enabling better views, especially over uneven terrain. Intelligent video functionalities include Active Gatekeeper, which enables the camera to first move to a preset position when motion is detected in a pre-defined area and then track the detected object.

Day and night functionality, progressive scan, 128x wide dynamic range and extended D1 resolution (752x480 in 60 Hz, 736x576 in 50 Hz) contribute to the camera's superb video quality. The H.264 compression format ensures that image quality is not compromised while providing great savings in bandwidth and storage use.

AXIS Q6032-E is powered through High Power over Ethernet using the supplied High PoE midspan. Power over Ethernet simplifies installation since only one cable is needed for carrying power, as well as video and pan/tilt/zoom controls. With High PoE, the camera can operate even during a power failure as the network can be connected to an Uninterruptible Power Supply.

Note: Mounting brackets are sold separately

ONVIF

2013 PRODUCTION

Technical specifications – AXIS Q6032-E PTZ Dome Network Camera
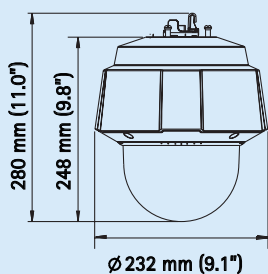
Camera

Models	AXIS Q6032-E 60 Hz; AXIS Q6032-E 50 Hz
Image sensor	¼" ExView HAD progressive scan CCD
Lens	f=3.3 – 119 mm, F1.4 – 4.2, autofocus, automatic day/night Horizontal angle of view: 57.2° - 1.7°
Minimum illumination	Color: 0.5 lux at 30 IRE F1.4 B/W: 0.008 lux at 30 IRE F1.4
Shutter time	1/30000 s to 0.5 s (60 Hz), 1/30000 s to 1.5 s (50 Hz)
Pan/tilt/zoom	E-flip, 100 preset positions Pan: 360° endless, 0.05° – 450°/s Tilt: 220°, 0.05° – 450°/s 36x optical zoom and 12x digital zoom, total 432x zoom
Pan/tilt/zoom functionalities	Tour recording Guard tour Control queue On-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	Extended D1 752x480 to 176x120 (60 Hz) Extended D1 736x576 to 176x144 (50 Hz)
Frame rate H.264	H.264: Up to 30/25 fps (60/50 Hz) in all resolutions Motion JPEG: Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Wide dynamic range (WDR), electronic image stabilization (EIS), manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ

Network

Security	Password protection, IP address filtering, HTTPS encryption*, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications; specifications available at www.axis.com ONVIF, specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, autotracking, Active Gatekeeper, AXIS Camera Application Platform
Event triggers	Video motion detection, autotracking, AXIS Camera Application Platform, PTZ preset, temperature, memory card full
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP PTZ preset, guard tour, video recording to edge storage, autotracking, day/night mode Pre- and post-alarm video buffering
Data streaming	Event data
Installation aid	Pixel counter

General

Casing	IP66-, NEMA 4X- and IK10-rated, metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
Memory	256 MB RAM, 128 MB Flash
Power	High Power over Ethernet (High PoE), max. 60 W AXIS T8124 High PoE Midspan 1-port: 100-240 V AC, max. 74 W
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ45 IP66-rated Push-pull Connector included
Edge storage	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included); support for recording to network share (network-attached storage or file server)
Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C (-40 °F); humidity 15 - 100% RH (condensing)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC Class B IEC 60529 IP66, NEMA 250 Type 4X, IEC 62262 IK10 IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-60, ISO 4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	3.5 kg (7.7 lb.)
Included accessories	AXIS T8124 High PoE Midspan 1-port, RJ45 IP66-rated Push-pull Connector, sunshield, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license

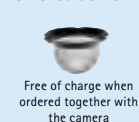**More information is available at www.axis.com**

Dimensions

280 mm (11.0")
248 mm (9.8")
Ø 232 mm (9.1")

Optional accessories

Axis mounting accessories

Wall   Corner   Ceiling   Pendant kit

RJ45 IP66-rated cable with premounted connector (Cat-6) 5 m

Smoked dome

Free of charge when ordered together with the camera

AXIS T8310 Video Surveillance Control Board

AXIS T90A Illuminators

AXIS P8221 Network I/O Audio Module

AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). See www.axis.com/products/video/software/

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