DATASHEET

AXIS Q6032 PTZ Dome Network Camera

Advanced, high-speed indoor PTZ dome with 36x zoom.

- > 36x optical zoom, day/night
- > IP52-rated protection against dust and dripping water
- > Extended D1 resolution, H.264
- > Active Gatekeeper and tour recording
- > Power over Ethernet Plus (IEEE 802.3at)

AXIS Q6032 PTZ Dome Network Camera offers 36x optical zoom and high-speed pan/tilt performance, enabling coverage of large indoor areas and great detail when zooming in. It is ideal for use in airports, train stations, stadiums and warehouses.

AXIS Q6032 supports a wider picture with an extended D1 resolution of 752x480 in 60 Hz and 736x576 in 50 Hz. Videos in H.264 and Motion JPEG can be sent at full frame rate. Day and night functionality, progressive scan, 128x wide dynamic range and electronic image stabilization contribute to the camera's superb video quality.

The camera's tour recording functionality enables easy setup of an automatic tour using a device such as a joystick to record an operator's pan/tilt/zoom movements. With Active Gatekeeper, the camera can automatically move to a preset position upon motion detection in a pre-defined area, and track the detected object.

AXIS Q6032 offers easy and reliable installation. The IP52-rated camera provides protection against dust and dripping water, enabling video to be taken even when a sprinkler system is activated. Support for Power over Ethernet Plus (PoE+) also simplifies installation since only one cable is needed for carrying power, as well as video and PTZ controls.

When an optional multi-connector cable is used, AXIS Q6032 supports two-way audio, I/O ports for external devices and AC/DC power. The camera's memory card slot enables recordings to be stored locally.

50001/EN/R1/1212

Technical specifications – AXIS Q6032 PTZ Dome Network Camera

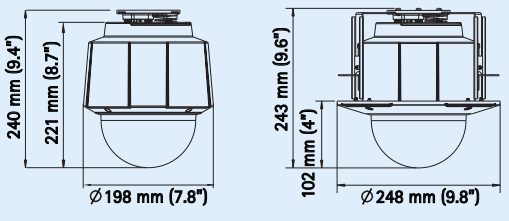
Camera	
Models	AXIS Q6032 60 Hz, AXIS Q6032 50 Hz
Image sensor	1/4" ExView HAD progressive scan CCD
Lens	f 3.3 – 119 mm, F1.4 – 4.2, autofocus, automatic day/night, horizontal angle of view: 57.2° - 1.7°
Minimum illumination	Color: 0.5 lux at 30 IRE F1.4 B/W: 0.008 lux at 30 IRE F1.4
Shutter time	1/30000 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: 180°, 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: 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
Audio	
Audio streaming	Two-way
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Input/output	Requires multi-connector cable (sold separately) for external microphone or line input, and line output
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

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, specifications available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, audio detection, autotracking, Active Gatekeeper, AXIS Camera Application Platform
Event triggers	Video motion detection, audio detection, autotracking, external input, PTZ preset, temperature, memory card full
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP External output activation, PTZ preset, guard tour, play audio clip, video and audio recording to edge storage, autotracking, day/night mode; pre- and post-alarm video buffering
Data streaming	Event data
Installation aid	Pixel counter
General	
Casing	IP52-rated, metal casing (aluminum), acrylic (PMMA) clear dome
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet Plus (PoE+) IEEE 802.3at, max. 30 W AXIS T8123 High PoE Midspan 1-port included: 100-240 V AC, max. 37 W 20-24 V AC, max. 27 VA; 24-34 V DC, max. 19 W
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE Multi-connector (cable sold separately) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
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	0 °C to 50 °C (32 °F to 122 °F) Humidity 15 - 85% RH (non-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 IP52 IEC 60721-4-3 Class 3K3, 3M3, EN/IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, VCCI, CB, KCC, CSA, UL-AR
Weight	Camera: 2.6 kg (5.7 lb.) Camera with drop-ceiling mount: 3.2 kg (7.1 lb.)
Included accessories	AXIS T8123 High PoE Midspan 1-port, mounting kit for hard and drop ceilings, smoked dome cover, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license

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

More information at www.axis.com

Dimensions

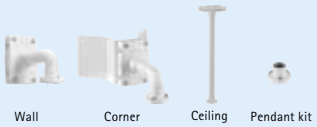


Hard ceiling mount

Drop ceiling mount

Optional accessories

Axis mounting accessories



AXIS T90A Illuminators

AXIS T8310 Video Surveillance Control Board

Multi-connector cable for AC/DC power, I/Os and audio

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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