

AXIS Q6044 PTZ Dome Network Camera

Indoor, high-speed PTZ dome with HDTV 720p and 30x zoom

AXIS Q6044 is a top-of-the-line PTZ dome, offering fast and precise pan/tilt performance for wide area coverage and detailed surveillance at great distances. With endless 360° pan, it can be automatically directed to 256 preset positions using guard tour. Its high light sensitivity and day and night functionality ensure high image quality even in low-light conditions. Active Gatekeeper automatically moves the camera to a preset position when motion is detected in a pre-defined area, tracking the detected object. AXIS Q6044 supports for two-way audio, audio detection, input/output ports for external devices and AC/DC power.

- > **HDTV 720p and 30x optical zoom**
- > **IP52-rated protection against dust and dripping water**
- > **Shock detection**
- > **Enhanced intelligent video**
- > **Power over Ethernet Plus (IEEE 802.3at)**



AXIS Q6044 PTZ Dome Network Camera

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| Models | AXIS Q6044 60 Hz AXIS Q6044 50 Hz | External input, Audio detection | |
| Camera | | Event actions | File upload: FTP, SFTP, HTTP, HTTPS network share and email Notification: email, HTTP, HTTPS and TCP Day/night mode, Guard tour, Video recording to edge storage, Pre- and post-alarm video buffering, PTZ preset, Overlay text, Send SNMP trap External output, Audio recording to edge storage, Play audio clip |
| Image sensor | 1/3" Progressive scan CCD | Data streaming | Event data |
| Lens | 4.4-132 mm, F1.4-4.6 Horizontal angle of view 62.9°-2.2° Vertical angle of view 37°-1.2° Autofocus | Built-in installation aids | Pixel counter |
| Day and night | Automatically removable infrared-cut filter | General | |
| Minimum illumination | Color: 0.2 lux at 30 IRE F1.4 B/W: 0.04 lux at 30 IRE F1.4 Color: 0.3 lux at 50 IRE F1.4 B/W: 0.05 lux at 50 IRE F1.4 | Casing | IP52-rated metal casing (aluminum), Acrylic (PMMA) clear dome PVC free |
| Shutter time | 1/10000 s to 1/4 s | Memory | 512 MB RAM, 128 MB Flash Battery backed-up real-time clock |
| Pan/Tilt/Zoom | Pan: 360° endless, 0.05° - 450°/s Tilt: 180°, 0.05°-450°/s 30x optical zoom and 12x digital zoom, total 360x zoom E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed | Power | Axis PoE+ midspan 1-port: 100-240 V AC, max. 37 W IEEE 802.3at Type 2 Class 4 Multi-connector cable: 24-34 V DC, max 19 W 20-24 V AC, max 27 VA |
| Video | | Connectors | RJ45 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 |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline and Main Profiles Motion JPEG | Storage | Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| Resolutions | HDTV 720p 1280x720 to 320x180 | Operating conditions | 0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing) |
| Frame rate | Up to 30/25 fps (60/50 Hz) in all resolutions | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264 | Approvals | EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A KCC KN22 Class A, KN24, IEC/EN/UL 60950-1 IEC/EN 60529 IP52, IEC 60721-4-3 Class 3K3, 3M3, IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR |
| Image settings | Wide Dynamic Range (WDR), manual shutter time, compression, color, brightness, sharpness, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, 32 individual 3D privacy masks, image freeze on PTZ, electronic image stabilization, automatic defog | Weight | Camera: 2.6 kg (5.7 lb); with drop-ceiling mount: 3.2 kg (7.1 lb) |
| Audio | | Dimensions | Hard-ceiling: Ø198 x 240 mm (Ø7.8 x 9.4 in) Drop-ceiling: Ø248 x 243 mm (Ø9.8 x 9.6 in) |
| Audio streaming | Two-way: Full duplex, Half duplex Simplex | Included accessories | Axis High PoE Midspan 1-port, Recessed mount for hard and drop ceilings, Smoked dome cover Installation Guide, Windows decoder 1-user license |
| Audio compression | AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate | Optional accessories | Multi-connector cable, AXIS T91A Mounting Accessories AXIS T90 Illuminators, AXIS T8310 Video Surveillance Control Board, Installation Display, Multi-user decoder license pack |
| Audio input/output | Requires multi-connector cable (sold separately) for external microphone or line input, and line output | Video management software | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software |
| Network | | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| Security | Password protection, IP address filtering, HTTPS ³ encryption, IEEE 802.1X ³ network access control, Digest authentication, User access log, Centralized Certificate Management | Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| Supported protocols | IPv4/IPv6, HTTP, HTTPS ³ , SSL/TLS ³ , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP | a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i> | |
| System integration | | Environmental responsibility: www.axis.com/environmental-responsibility | |
| 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, specification at www.onvif.org | | |
| Analytics | Video motion detection, Autotracking, Active Gatekeeper Audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap | | |
| Event triggers | Analytics, Shock detection, Fan, Temperature, Manual trigger, PTZ moving, PTZ preset, Edge storage events | | |