AXIS P5532 PTZ Dome Network Camera

Cost-effective pan/tilt/zoom camera with 29x zoom for indoor applications.

> > **29x optical zoom**
>
> > **IP51-rated protection against dust and dripping water**
>
> > **D1 resolution, H.264, day/night functionality**
>
> > **Advanced Gatekeeper**
>
> > **High Power over Ethernet (IEEE 802.3at)**

AXIS P5532 PTZ Dome Network Camera presents a cost-effective, indoor pan/tilt/zoom surveillance solution with 29x zoom and high-quality H.264 video in D1 resolution. With an IP51-rated protection against dust and dripping water, it is ideal for use in airports, train stations, warehouses and shopping malls.

AXIS P5532 provides 29x optical and 12x digital zoom with autofocus. It can pan 360° due to the unique Auto-flip functionality, which allows the camera to continuously follow an object. The Advanced Gatekeeper functionality enables the camera to automatically move to a preset position when motion is detected in a pre-defined area.

The camera's day/night functionality allows high image quality to be maintained even in low light conditions. The PTZ camera delivers multiple, individually configurable video streams in H.264 and Motion JPEG at full frame rate in all resolutions up to D1 (720x480 in 60 Hz, 720x576 in 50 Hz). H.264 greatly optimizes bandwidth and storage without compromising image quality.

The camera's IP51 rating ensures reliable operation even in dusty and humid indoor conditions. Support for High Power over Ethernet also makes installation easy. A High PoE midspan is supplied.

When an optional multi-connector cable is used, AXIS P5532 supports two-way audio, audio detection, four configurable inputs/outputs for external devices and AC/DC power.

The camera's SD/SDHC slot enables recordings to be stored locally.

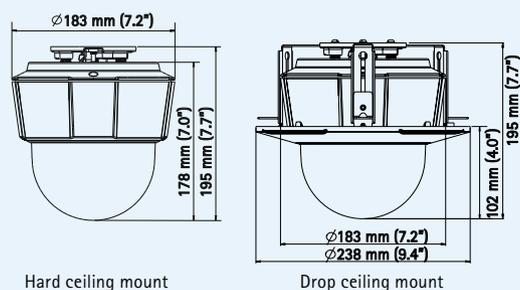## Technical specifications – AXIS P5532 PTZ Dome Network Camera

Camera

Models	AXIS P5532 60 Hz; AXIS P5532 50 Hz
Image sensor	1/4" ExView HAD progressive scan CCD
Lens	f=3.6 – 104.4 mm, F1.43 – 3.67, autofocus, automatic day/night Horizontal angle of view: 53.1° - 2.0°
Minimum illumination	Color: 0.5 lux at 30 IRE F1.4 B/W: 0.01 lux at 30 IRE F1.4
Shutter time	1/30000 s to 1 s (60 Hz), 1/30000 s to 1/0.75 s (50 Hz)
Pan/tilt/zoom	E-flip, Auto-flip, 100 preset positions Pan: 360° (with Auto-flip), 0.2° – 300°/s Tilt: 180°, 0.2° – 300°/s 29x optical zoom and 12x digital zoom, total 348x zoom
Pan/tilt/zoom functionalities	Limited guard tour Control queue On-screen directional indicator

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	D1 720x480 to 176x120 (60 Hz) D1 720x576 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, aspect ratio correction, text and image overlay, privacy mask, 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 (not included) 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, 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® from Axis Communications, available at www.axis.com Support for AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, audio detection, Advanced Gatekeeper
Alarm triggers	Video motion detection, audio detection, external input, PTZ position, temperature, memory card full
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output, PTZ position, local storage, play audio clip
Video buffer	96 MB pre- and post-alarm

General

Casing	IP51-rated metal casing (aluminum), acrylic (PMMA) clear dome
Processors and memory	ARTPEC-3, 256 MB RAM, 128 MB Flash
Power	High Power over Ethernet (High PoE) IEEE 802.3at, max. 30 W 20-24 V AC, max. 20 VA 24-34 V DC, max. 15 W AXIS T8123 High PoE Midspan 1-port: 100-240 V AC, max. 37 W
Connectors	RJ-45 for 10BASE-T/100BASE-TX PoE Multi-connector (cable not included) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
Local storage	SD/SDHC memory card slot (card is not included)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20 - 80% 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, EN 60950-1, KCC Class B IP51 IEC 60721-4-3 Class 3K3, 3M3, EN/IEC 60068-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Weight	Camera: 1.9 kg (4.2 lb.) Camera with drop-ceiling mount: 2.3 kg (5.1 lb.)
Included accessories	AXIS T8123 High PoE Midspan 1-port, mounting kit for hard and drop ceilings, clear and smoked dome cover, Installation Guide, CD with User's Manual, recording software, installation and management tools, 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 is available at www.axis.com

Dimensions

Hard ceiling mount

Drop ceiling mount

⌀183 mm (7.2")
178 mm (7.0")
195 mm (7.7")
195 mm (7.7")
102 mm (4.0")
⌀183 mm (7.2")
⌀238 mm (9.4")

Optional accessories

AXIS T91A Mounting Accessories

Wall   Corner   Ceiling   Pendant kit

AXIS T90A Illuminators

AXIS T8310 Video Surveillance Control Board

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

AXIS Camera Station and video management software from Axis' Application Development Partners. For more information, see www.axis.com/products/video/software/

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