

AXIS P3224-LV Network Camera

Optimized for forensic imaging in HDTV 720p

AXIS P3224-LV is a streamlined fixed dome providing HDTV 720p video quality. It features a varifocal lens and remote zoom and focus, which eliminates the need for hands-on fine tuning. The day and night functionality, together with OptimizedIR and P-Iris control, ensure superb image quality in any lighting conditions. Axis' built-in IR solution, OptimizedIR, automatically adapts to the zoom level set at installation, ensuring an evenly illuminated image. WDR - Forensic Capture increases forensic usability by highlighting details in both dark and well lit areas. Zipstream lowers bandwidth and storage requirements.

- > [HDTV 720p video quality](#)
- > [Remote zoom and focus](#)
- > [WDR - Forensic Capture](#)
- > [OptimizedIR illumination](#)
- > [Axis' Zipstream technology](#)



AXIS P3224-LV Network Camera

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| Camera | | |
| Image sensor | Progressive scan RGB CMOS 1/2.8" | Video recording to edge storage Pre- and post-alarm video buffering Send video clip Overlay text IR illumination on/off |
| Lens | Varifocal, 3.0–10.5 mm, F1.4 Horizontal angle of view 92°–34° Vertical angle of view 50°–20° Remote focus and zoom, P-Iris control, IR corrected | Data streaming Event data |
| Day and night | Automatically removable infrared-cut filter | Built-in installation aids Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination angle and intensity |
| Minimum illumination | HDTV 720p 25/30 fps with WDR – Forensic Capture: Color: 0.25 lux, F1.4 B/W: 0.05 lux, F1.4, 0 lux with IR illumination on HDTV 720p 50/60 fps: Color: 0.5 lux, F1.4 B/W: 0.1 lux, F1.4, 0 lux with IR illumination on | General |
| Shutter time | 1/142850 s to 2 s | Casing Aluminum inner camera module with encapsulated electronics IP52-rated, IK08 impact-resistant casing with dehumidifying membrane Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner. |
| Pan/Tilt/Zoom | Pan ±180°, tilt -5 to +75°, rotation ±95° | Memory 512 MB RAM, 256 MB Flash |
| Video | | Power Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.2 W, typical 3.9 W |
| Video compression | H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG | Connectors RJ45 10BASE-T/100BASE-TX PoE |
| Resolutions | 1280x960 to 160x90 | IR illumination OptimizedIR with power-efficient, long-life 850 nm IR LEDs with adjustable angle of illumination and intensity. Range of reach up to 25 m (82 ft) depending on scene |
| Frame rate | With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz | Edge storage Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/MBR H.264 | Operating conditions 0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing) |
| Multi-view streaming | 2 individually cropped out view areas | Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) |
| Image settings | Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Backlight compensation, Fine tuning of behavior at different light levels, WDR – Forensic Capture: Up to 120 dB depending on scene, Local contrast, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format | Approvals EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 IEC/EN/UL 60950-1, IEC/EN 62471 IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-78, IEC/EN 60529 IP52, IEC/EN 62262 IK08 |
| Pan/Tilt/Zoom | Digital PTZ | Weight 580 g (1.3 lb) |
| Network | | Included accessories Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistorx T20 L-key, Drill template |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management | Optional accessories AXIS ACI Conduit Bracket B AXIS ACI Conduit Adapters AXIS T94K01L Recessed Mount Kit AXIS T94K01D Pendant Kit AXIS T91 Mounts AXIS Skin Cover C, Black |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH | Video management software AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software |
| System integration | | Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| 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, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap | |
| Event triggers | Analytics, Edge storage events | |
| Event actions | File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap | |

a. 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).

More information is available at www.axis.com