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**

### Camera
- **Image sensor**: Progressive scan RGB CMOS 1/2.8"  
- **Lens**: Varifocal, 3.0~10.5 mm, F1.4  
- **Day and night**: Automatically removable infrared-cut filter  
- **Minimum illumination**:
  - HDV 720p: 25/50 fps with WDR – Forensic Capture: Color: 0.06 lux, F1.4  
  - B/W: 0.01 lux, F1.4 with IR illumination  
  - HDV 720p: 50/60 fps:  
    - Color: 0.3 lux, F1.4  
    - B/W: 0.03 lux, F1.4 with IR illumination on  
- **Shutter time**: 1/143850 s to 2 s  
- **Camera angle adjustment**: Pan ±180°, tilt -5 to +75°, rotation ±95°

### Video
- **Video compression**: H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG  
- **Video streaming**: Multiple, individually configurable streams in H.264 and Motion JPEG  
- **Multi-view streaming**: 2 individually cropped view areas  
- **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  
- **Pan/Tilt/Zoom**: Digital PTZ

### Network
- **Security**: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized Certificate Management  
- **Supported protocols**: IPv4/v6, HTTP, HTTPS, SSL/TLS, QUIC Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnPv1/v2, SNMP v1/v2c/v3[MIB-II], DNS, DynDNS, FTP, NTP, RTSP, RTCP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

### System integration
- **Application Programming Interface**: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com  
- **Analytics**: Video motion detection, Active tampering alarm  
- **Event triggers**: Analytics, Edge storage events  
- **Event actions**: File upload: FTP, SFTP, HTTP, HTTPS, network share and email  
- **Pre- and post-alarm buffering**: Send video clip, Overlay text, IR illumination on/off

### Data streaming
- **Data streaming**: Event data  
- **Built-in installation aids**: Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination angle and intensity

### General
- **Casing**: Aluminum inner camera module with encapsulated electronics, IP52-rated, IK08 impact-resistant casing with dehumidifying membrane  
- **Memory**: 512 MB RAM, 256 MB Flash  
- **Power**: Power over Ethernet (IEEE 802.3af/802.3at) Type 1 Class 3, max 10.2 W, typical 3.9 W  
- **Connectors**: RJ45 10BASE-T/100BASE-TX PoE

### Video management software
- **AXIS Camera Companion, AXIS Camera Station, Video management software from Axis’ Application Development Partners available on www.axis.com/techsup/software

### Warranty
- **Axis 3-year warranty and Axis Extended Warranty option, see www.axis.com/warranty**
  - **More information is available at www.axis.com**

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