AXIS P3224-LV Mk II Network Camera
Streamlined HDTV 720p fixed dome for any light conditions

AXIS P3224-LV Mk II is a streamlined fixed dome that provides HDTV 720p video. It features a varifocal lens and remote zoom and focus, which eliminates the need for hands-on fine tuning. Equipped with WDR – Forensic Capture to handle scenes with strong variations in light, Lightfinder technology for exceptional light sensitivity, as well as built-in IR illumination with OptimizedIR, this versatile camera provides outstanding video quality in any light conditions. It supports Axis Zipstream technology that significantly reduces bandwidth and storage requirements.

> **HDTV 720p video quality**

> **Remote zoom and focus**

> **Lightfinder and WDR – Forensic Capture**

> **OptimizedIR illumination**

> **Axis Zipstream**

AXIS P3224-LV Mk II Network Camera

Camera

Image sensor	Progressive scan RGB CMOS 1/3"
Lens	Varifocal, 2.8–10 mm, F1.6 Horizontal field of view 90°–34° Vertical field of view 48°–20° Remote focus and zoom, P-Iris control, IR corrected
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**HDTV 720p 25/30 fps with WDR – forensic capture and Lightfinder:** Color: 0.19 lux, F1.6 B/W: 0.04 lux, F1.6, 0 lux with IR illumination on **HDTV 720p 50/60 fps:** Color: 0.38 lux, F1.6 B/W: 0.08 lux, F1.6, 0 lux with IR illumination on
Shutter time	1/66500 s to 1 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
Resolutions	1280x960 to 160x90
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
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth, VBR/MBR H.264
Multi-view streaming	2 individually cropped out view areas
Pan/Tilt/Zoom	Digital PTZ
Image settings	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Fine tuning of behavior at different light levels, WDR - forensic capture: Up to 120 dB depending on scene, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management
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

System integration

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 and ONVIF Profile G, specification at www.onvif.org
Analytics	AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection 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 Video recording to edge storage Pre- and post-alarm video buffering Send video clip Overlay text IR illumination on/off
Data streaming	Event data
Built-in installation aids	Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination intensity

General

Casing	IP52-rated, IK08 impact-resistant, polycarbonate casing with dehumidifying membrane Encapsulated electronics and captive screws Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Sustainability	PVC free
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 6.1 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE
IR illumination	OptimizedIR with power-efficient, long-life 850 nm IR LEDs with adjustable illumination intensity. Range of reach up to 30 m (100 ft) depending on scene
Storage	Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** 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, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24 **Safety** IEC/EN/UL 60950-1, IEC/EN 62471 **Environment** 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
Dimensions	Height: 101 mm (4 in) ø 149 mm (5 7/8 in)
Weight	550 g (1.2 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistorx T20 L-key, Drill template, Connector guard
Optional accessories	AXIS ACI Conduit Bracket B AXIS ACI Conduit Adapters AXIS T94K01L Recessed Mount Kit AXIS T94K01D Pendant Kit AXIS Skin Cover C, Black AXIS Mounts Smoked dome
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/support/downloads
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

AXIS®
COMMUNICATIONS