

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		Data streaming	Event data
Image sensor	Progressive scan RGB CMOS 1/3"	Built-in installation aids	Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination intensity
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	General	
Day and night	Automatically removable infrared-cut filter	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.
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	Sustainability	PVC free
Shutter time	1/66500 s to 1 s	Memory	512 MB RAM, 256 MB Flash
Camera angle adjustment	Pan ±180°, tilt -5 to +75°, rotation ±95°	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.2 W, typical 6.1 W
Video		Connectors	RJ45 10BASE-T/100BASE-TX PoE
Video compression	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	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
Resolutions	1280x960 to 160x90	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
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	Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)
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	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Multi-view streaming	2 individually cropped out view areas	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
Pan/Tilt/Zoom	Digital PTZ	Dimensions	Height: 101 mm (4 in) ø 149 mm (5 7/8 in)
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	Weight	550 g (1.2 lb)
Network		Included accessories	Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistorx T20 L-key, Drill template, Connector guard
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 Skin Cover C, Black AXIS Mounts Smoked dome
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , 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	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/support/downloads
System integration		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
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	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).	
Event triggers	Analytics, Edge storage events	Environmental responsibility: www.axis.com/environmental-responsibility	
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		