

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 technology](#)



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 Support for recording to dedicated network-attached storage (NAS)
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	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 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	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
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; AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profiles S and G,	Warranty	Axis 3-year warranty and AXIS Extended Warranty option
Analytics	AXIS Video Motion Detection 3, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications.		
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		