

## 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

<b>Camera</b>		<b>Data streaming</b>	Event data
<b>Image sensor</b>	Progressive scan RGB CMOS 1/3"	<b>Built-in installation aids</b>	Remote zoom, Remote focus, Pixel counter, OptimizedIR with adjustable IR illumination intensity
<b>Lens</b>	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	<b>General</b>	
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Casing</b>	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.
<b>Minimum illumination</b>	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	<b>Sustainability</b>	PVC free
<b>Shutter time</b>	1/66500 s to 1 s	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Camera angle adjustment</b>	Pan ±180°, tilt -5 to +75°, rotation ±95°	<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.2 W, typical 6.1 W
<b>Video</b>		<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE
<b>Video compression</b>	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	<b>IR illumination</b>	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
<b>Resolutions</b>	1280x960 to 160x90	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Frame rate</b>	With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz	<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)
<b>Video streaming</b>	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	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Multi-view streaming</b>	2 individually cropped out view areas	<b>Approvals</b>	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
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>Dimensions</b>	Height: 101 mm (4 in) ø 149 mm (5 7/8 in)
<b>Image settings</b>	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	<b>Weight</b>	550 g (1.2 lb)
<b>Network</b>		<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistorx T20 L-key, Drill template, Connector guard
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Optional accessories</b>	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
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>System integration</b>		<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profiles S and G, specifications at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>Analytics</b>	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, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ( <a href="http://www.openssl.org">www.openssl.org</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
<b>Event triggers</b>	Analytics, Edge storage events	<b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>	
<b>Event actions</b>	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		