

## AXIS P3224-LVE Mk II Network Camera

Streamlined, outdoor-ready HDTV 720p fixed dome for any light conditions

AXIS P3224-LVE Mk II is a streamlined, outdoor-ready 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. The vandal-resistant AXIS P3224-LVE Mk II is IK10 rated.

- > [HDTV 720p video quality](#)
- > [Outdoor ready and IK10 rated](#)
- > [Lightfinder and WDR – Forensic Capture](#)
- > [OptimizedIR illumination](#)
- > [Axis' Zipstream technology](#)



# AXIS P3224-LVE Mk II Network Camera

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|--|--|---|---|
| <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<br>Horizontal field of view 90°–34°<br>Vertical field of view 48°–20°<br>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>   | IP66- and NEMA 4X-rated, IK10 impact-resistant casing with dehumidifying membrane<br>Encapsulated electronics and captive screws<br>Color: white NCS S 1002-B<br>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:<br>Color: 0.19 lux, F1.6<br>B/W: 0.04 lux, F1.6, 0 lux with IR illumination on<br>HDTV 720p 50/60 fps:<br>Color: 0.38 lux, F1.6<br>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 10.8 W, typical 7.3 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<br>Support for recording to dedicated network-attached storage (NAS)<br>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<br>Without WDR: 50/60 fps with power line frequency 50/60 Hz  | <b>Operating conditions</b>   | -30 °C to 50 °C (-22 °F to 122 °F)<br>Humidity 10 to 100% RH (condensing)   |
| <b>Video streaming</b>                   | Multiple, individually configurable streams in H.264 and Motion JPEG<br>Axis' Zipstream technology in H.264<br>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<br>IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471<br>IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14<br>IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10 |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ  | <b>Dimensions</b>   | Height: 104 mm (4 1/16 in)<br>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 low light, WDR – forensic capture: Up to 120 dB depending on scene, Text and image overlay, Mirroring of images, Privacy masks<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format | <b>Weight</b>   | 800 g (1.8 lb)  |
| <b>Network</b>                           |  | <b>Included accessories</b>   | Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistox 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 A<br>AXIS ACI Conduit Adapters<br>AXIS T94M01L Recessed Mount Kit<br>AXIS T94T01D Pendant Kit including weather shield<br>AXIS Mounts<br>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><br>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<br>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><br><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<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Video recording to edge storage<br>Pre- and post-alarm video buffering<br>Send video clip<br>Overlay text<br>IR illumination on/off   |   |   |