

## AXIS P3225-LVE Mk II Network Camera

Streamlined, outdoor-ready HDTV 1080p fixed dome for any light conditions

AXIS P3225-LVE Mk II is a streamlined, outdoor-ready fixed dome that provides HDTV 1080p 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 P3225-LVE Mk II is IK10 rated.

- > [HDTV 1080p video quality](#)
- > [Outdoor ready and IK10 rated](#)
- > [Lightfinder and WDR – Forensic Capture](#)
- > [OptimizedIR illumination](#)
- > [Axis Zipstream](#)



# AXIS P3225-LVE Mk II Network Camera

|  |   |
|--|---|
| <b>Camera</b>                            |   |
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/3"  |
| <b>Lens</b>                              | Varifocal, 3.0–10.5 mm, F1.4<br>Horizontal field of view: 92°–34°<br>Vertical field of view: 50°–20°<br>Remote focus and zoom, P-Iris control, IR corrected   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   |
| <b>Minimum illumination</b>              | HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder:<br>Color: 0.16 lux at 50 IRE, F1.4<br>B/W: 0.03 lux at 50 IRE, F1.4, 0 lux with IR illumination on HDTV 1080p 50/60 fps:<br>Color: 0.32 lux at 50 IRE, F1.4<br>B/W: 0.06 lux at 50 IRE, F1.4, 0 lux with IR illumination on   |
| <b>Shutter speed</b>                     | 1/66500 s to 1 s  |
| <b>Camera angle adjustment</b>           | Pan ±180°, tilt -35 to +75°, rotation ±95°  |
| <b>Video</b>                             |   |
| <b>Video compression</b>                 | H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG  |
| <b>Resolution</b>                        | 1920x1080 to 160x90   |
| <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>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<br>VBR/ABR/MBR H.264  |
| <b>Multi-view streaming</b>              | 2 individually cropped out view areas   |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ, preset positions   |
| <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>Network</b>                           |   |
| <b>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection, signed firmware  |
| <b>Supported protocols</b>               | IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1  |
| <b>System integration</b>                |   |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a><br>AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>  |
| <b>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection, active tampering alarm<br><b>Supported</b><br>AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Perimeter Defender<br>AXIS Digital Autotracking, AXIS People Counter, AXIS Tailgating Detector, AXIS Direction Detector, AXIS Occupancy Estimator, AXIS Random Inspection, AXIS Queue Monitor<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a> |
| <b>Event triggers</b>                    | Analytics, edge storage events, virtual inputs through API  |
| <b>Event actions</b>                     | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email<br>Pre- and post-alarm video or image buffering for recording or upload   |

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|-----------------------------------|--|
|                                   | Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text  |
| <b>Data streaming</b>             | Event data   |
| <b>Built-in installation aids</b> | Remote zoom, remote focus, pixel counter, optimized IR with adjustable IR illumination intensity   |
| <b>General</b>                    |  |
| <b>Casing</b>                     | IP66- and NEMA 4X-rated, IK10 impact-resistant casing with hard-coated dome and dehumidifying membrane<br>Encapsulated electronics and captive screws<br>Color: white NCS S 1002-B<br>For repainting instructions of casing and impact on warranty, contact your Axis partner.   |
| <b>Mounting</b>                   | Mounting bracket with holes for junction boxes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount<br>¼"-20 UNC tripod screw thread   |
| <b>Sustainability</b>             | PVC free   |
| <b>Memory</b>                     | 512 MB RAM, 256 MB Flash   |
| <b>Power</b>                      | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 10.8 W, typical 7.3 W   |
| <b>Connectors</b>                 | Shielded RJ45 10BASE-T/100BASE-TX PoE  |
| <b>IR illumination</b>            | Optimized IR with power-efficient, long-life 850 nm IR LEDs with adjustable illumination intensity. Range of reach 30 m (100 ft) or more depending on scene  |
| <b>Storage</b>                    | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>  |
| <b>Operating conditions</b>       | -40 °C to 50 °C (-40 °F to 122 °F)<br>Start-up: -30 °C to 50 °C (-22 °F to 122 °F)<br>Maximum temperature (intermittent): 55 °C (131 °F)<br>Humidity 10 to 100% RH (condensing)  |
| <b>Storage conditions</b>         | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5-95% RH (non-condensing)   |
| <b>Approvals</b>                  | EMC<br>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>Safety<br>IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252<br>Environment<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<br>Network<br>NIST SP500-267 |
| <b>Dimensions</b>                 | Height: 104 mm (4 1/16 in)<br>ø 149 mm (5 7/8 in)  |
| <b>Weight</b>                     | 800 g (1.8 lb)   |
| <b>Included accessories</b>       | Installation Guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistor <sup>®</sup> T20 L-key, drill template, connector guard<br>Weathershield  |
| <b>Optional accessories</b>       | AXIS ACI Conduit Bracket A, AXIS ACI Conduit Adapters, AXIS T94M01L Recessed Mount Kit, AXIS T94T01D Pendant Kit including weather shield, AXIS Mounts, Smoked dome<br>For more accessories, see <a href="http://axis.com">axis.com</a>  |
| <b>Video management software</b>  | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://axis.com/vms">axis.com/vms</a>   |
| <b>Languages</b>                  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
| <b>Warranty</b>                   | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>   |

- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)