

## AXIS P1425-LE Mk II Network Camera

Compact, cost-effective HDTV surveillance with OptimizedIR

With Lightfinder and WDR – Forensic Capture, the AXIS P1425-LE Mk II bullet camera provides excellent image quality in HDTV 1080p resolution, even in complex light conditions. Axis' OptimizedIR automatically illuminates any scene taking place in complete darkness. The camera features Corridor Format, pixel counter, remote focus and zoom, as well as P-Iris control – ensuring optimal depth of field, resolution, image contrast and clarity. The I/O port can be used for notification to an alarm panel or control of a relay. Axis Zipstream technology significantly reduces bandwidth and storage requirements. The outdoor-ready camera comes with an adjustable weather shield.

- > [Lightfinder and WDR – Forensic Capture](#)
- > [Axis Zipstream technology](#)
- > [HDTV 1080p at up to 60 fps](#)
- > [Built-in IR LEDs with OptimizedIR, 20 meters \(66 feet\)](#)
- > [I/O support and Edge Storage](#)



# AXIS P1425-LE Mk II Network Camera

|  |   |   |
|--|---|---|
| <b>Camera</b>                            |   | Pre- and post-alarm video buffering<br>WDR mode<br>PTZ control, Overlay text<br>IR illumination |
| <b>Image sensor</b>                      | Progressive scan CMOS 1/2.8"  |   |
| <b>Lens</b>                              | 3–10.5 mm, F1.4<br>Horizontal field of view 93°–33°<br>Vertical field of view 50°–18°<br>Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected  |   |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   |   |
| <b>Minimum illumination</b>              | Color: 0.16 lux at F1.4, 25/30 fps<br>Color: 0.32 lux at F1.4, 50/60 fps<br>B/W: 0.03 lux at F1.4, 25/30 fps<br>B/W: 0.06 lux at F1.4, 50/60 fps<br>0 lux with IR illumination on   |   |
| <b>Shutter time</b>                      | 1/66500 s to 1 s  |   |
| <b>Video</b>                             |   |   |
| <b>Video compression</b>                 | H.264 High, Main and Baseline profiles (MPEG-4 Part 10/AVC)<br>Motion JPEG  |   |
| <b>Resolution</b>                        | HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90<br>HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90<br>Meets relevant parts of SMPTE 274M (HDTV 1080p)  |   |
| <b>Frame rate</b>                        | Up to 50/60 fps (50/60 Hz, no WDR) in all resolutions   |   |
| <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/MBR H.264  |   |
| <b>Image settings</b>                    | Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Fine tuning of behavior at low light, Text and image overlay, Privacy masks, IR illumination<br>Wide Dynamic Range - Forensic Capture: Up to 120 dB depending on scene, Mirroring of images<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format  |   |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ   |   |
| <b>Network</b>                           |   |   |
| <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   |   |
| <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<br>LLDP   |   |
| <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>ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>  |   |
| <b>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection<br><b>Supported</b><br>AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/accp">axis.com/accp</a>   |   |
| <b>Event triggers</b>                    | <b>Analytics</b><br>Detectors: Day/Night Mode, Live Stream Accessed, Tampering<br><b>Hardware:</b> Network, Temperature<br><b>Input Signal:</b> Manual Trigger, Virtual Inputs<br><b>Storage:</b> Disruption, Recording<br><b>System:</b> System Ready<br><b>Time:</b> Use Schedule, Recurrences  |   |
| <b>Event actions</b>                     | File upload: FTP, SFTP, HTTP, HTTPS network share and email<br>Notification: email, HTTP, HTTPS and TCP and SNMP trap<br>External output activation<br>Video recording to edge storage  |   |
| <b>Built-in installation aids</b>        | Pixel counter, Remote zoom (3.5x optical), Remote focus   |   |
| <b>Data streaming</b>                    | Event data  |   |
| <b>General</b>                           |   |   |
| <b>Casing</b>                            | IP66, IP67- and NEMA 4X-rated casing (polyester polycarbonate blend)  |   |
| <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<br>Typical: 4.6 W, max 11 W   |   |
| <b>Connectors</b>                        | RJ45 10BASE-T/100BASE-TX PoE<br>I/O: 4-pin terminal block for 1 alarm input and 1 output  |   |
| <b>IR illumination</b>                   | Optimized IR, highly efficient LEDs with adjustable intensity and angle of illumination.<br>Range up to 20 m (66 ft)  |   |
| <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://www.axis.com">www.axis.com</a>   |   |
| <b>Operating conditions</b>              | -30 °C to 50 °C (-22 °F to 122 °F)<br>Humidity 10–100% RH (condensing)  |   |
| <b>Storage conditions</b>                | -40 °C to 65 °C (-40 °F to 149 °F)  |   |
| <b>Approvals</b>                         | EN 61000-6-1, EN 61000-6-2, EN 50121-4, IEC 62236-4, EN 50581, EN 55024, EN 55032 Class A, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN-32 Class A, KN-35, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK08, NEMA 250 Type 4X, IEC 60825-1 |   |
| <b>Weight</b>                            | With weather shield:<br>800 g (1.75 lb)   |   |
| <b>Dimensions</b>                        | Ø132 x 260 mm (Ø5 3/16 x 10 1/4 in)   |   |
| <b>Included accessories</b>              | Mounting bracket, Drill template, Installation Guide, Windows decoder 1-user license<br>AXIS Weather Shield L   |   |
| <b>Optional accessories</b>              | AXIS T94F01M J-Box/Gang Box Plate<br>AXIS T91A47 Pole Mount<br>AXIS T94P01B Corner Bracket<br>AXIS T94F01P Conduit Back Box<br>AXIS Weather Shield K<br>Axis PoE Midspans<br>For more accessories, see <a href="http://www.axis.com">www.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://www.axis.com/support/downloads">www.axis.com/support/downloads</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://www.axis.com/warranty">www.axis.com/warranty</a>  |   |

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young ([eyay@cryptsoft.com](mailto:eyay@cryptsoft.com)).

## Environmental responsibility:

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