

## AXIS P3227-LV Network Camera

Streamlined 5 MP fixed dome for any light conditions

AXIS P3227-LV is a streamlined 5 MP fixed dome that features a varifocal lens with remote zoom and focus, which facilitates installation and eliminates the need for hands-on fine tuning. Equipped with Forensic WDR to handle scenes with strong variations in light, Lightfinder technology, as well as built-in IR illumination with OptimizedIR, this versatile camera provides exceptional video quality in any light conditions. It supports Axis Zipstream technology that significantly reduces bandwidth and storage requirements.

- > **5 MP resolution in full frame rate**
- > **Forensic WDR and Lightfinder**
- > **OptimizedIR illumination**
- > **Remote zoom and focus**
- > **Zipstream for reduced bandwidth and storage needs**



# AXIS P3227-LV Network Camera

| Camera                                   |   |
|--|---|
| <b>Image sensor</b>                      | Progressive scan RGB CMOS 1/2.5"  |
| <b>Lens</b>                              | Varifocal, 3.5–10 mm, F1.7<br>Horizontal field of view: 100°–38°<br>Vertical field of view: 51°–22°<br>Remote zoom and focus, P-Iris control, IR corrected  |
| <b>Day and night</b>                     | Automatically removable infrared-cut filter   |
| <b>Minimum illumination</b>              | Color: 0.18 lux, F1.7<br>B/W: 0.04 lux F1.7, 0 lux with IR illumination on  |
| <b>Shutter time</b>                      | 1/62500 s to 2 s  |
| <b>Camera angle adjustment</b>           | Pan ±180°, tilt -40 to +75°, rotation ±95°  |
| Video                                    |   |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG  |
| <b>Resolution</b>                        | 3072x1728 to 160x90   |
| <b>Frame rate</b>                        | 25/30 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/MBR H.264  |
| <b>Multi-view streaming</b>              | 8 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 different light levels, Forensic WDR: 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 |
| Network                                  |   |
| <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>Supported protocols</b>               | IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH   |
| System integration                       |   |
| <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>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection, active tampering alarm<br><b>Supported</b><br>AXIS Cross Line Detection, AXIS Digital Autotracking<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>  |
| <b>Event triggers</b>                    | Analytics, edge storage events, virtual inputs through API  |
| <b>Event actions</b>                     | File upload via FTP, SFTP, HTTP, HTTPS network share and email<br>Notification via email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text, video recording to edge storage, pre- and post-alarm video buffering, send video clip, IR illumination on/off   |
| <b>Data streaming</b>                    | Event data  |
| <b>Built-in installation aids</b>        | Remote zoom, remote focus, pixel counter  |
| General                                  |   |

|                                  |   |
|----------------------------------|---|
| <b>Casing</b>                    | IP52-rated, IK08 impact-resistant, polycarbonate 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 skin cover or casing and impact on warranty, contact your Axis partner.  |
| <b>Sustainability</b>            | PVC free  |
| <b>Memory</b>                    | 1 GB RAM, 512 MB Flash  |
| <b>Power</b>                     | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 11.5 W, typical 8.4 W  |
| <b>Connectors</b>                | RJ45 10BASE-T/100BASE-TX PoE  |
| <b>IR illumination</b>           | Optimized IR with power-efficient, long-life 850 nm IR LEDs.<br>Range of reach 30 m (100 ft) or more depending on the scene   |
| <b>Storage</b>                   | Support for microSD/microSDHC/microSDXC card<br>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>      | 0 °C to 50 °C (32 °F to 122 °F)<br>Humidity 10 to 85% RH (non-condensing)   |
| <b>Storage conditions</b>        | -40 °C to 65 °C (-40 °F to 149 °F)  |
| <b>Approvals</b>                 | <b>EMC</b><br>EN 55032 Class B, EN 50121-4, IEC 62236-4,<br>EN 55024, EN 61000-6-1, EN 61000-6-2,<br>FCC Part 15 Subpart B Class A and B, ICES-003 Class B,<br>VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35<br><b>Safety</b><br>IEC/EN/UL 60950-1, IEC/EN 62471<br><b>Environment</b><br>IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14<br>IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock),<br>IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP52,<br>IEC/EN 62262 IK08 |
| <b>Dimensions</b>                | Height: 101 mm (4 in)<br>ø 149 mm (5 7/8 in)  |
| <b>Weight</b>                    | 550 g (1.2 lb)  |
| <b>Included accessories</b>      | Installation guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistorx <sup>®</sup> T20 L-key, drill template, connector guard   |
| <b>Optional accessories</b>      | AXIS ACI Conduit Bracket B<br>AXIS ACI Conduit Adapters<br>AXIS T94K01L Recessed Mount Kit<br>AXIS T94S01L Recessed Mount Kit<br>AXIS T94K01D Pendant Kit<br>AXIS Skin Cover C, Black<br>AXIS Mounts<br>AXIS P32-V Smoked Dome 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/vms">www.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://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. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

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