

# 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                            |  | Built-in installation aids | Remote zoom, remote focus, pixel counter  |
|-----------------------------------|--|----------------------------|---|
| Image sensor                      | Progressive scan RGB CMOS 1/2.5"   | <b>Analytics</b>           |   |
| Lens                              | 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   | Applications               | Included<br>AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard<br>AXIS Video Motion Detection, active tampering alarm<br>Supported<br>AXIS Digital Autotracking, AXIS Demographic Identifier<br>Support for additional applications if the device is used with compatible accessories. For more information, contact your Axis partner.<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="https://axis.com/acap">axis.com/acap</a>       |
| Day and night                     | Automatically removable infrared-cut filter  | <b>General</b>             |   |
| Minimum illumination              | Color: 0.18 lux at 50 IRE, F1.7<br>B/W: 0.04 lux F1.7 at 50 IRE, 0 lux with IR illumination on   | Casing                     | 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 casing and impact on warranty, contact your Axis partner.  |
| Shutter speed                     | 1/62500 s to 2 s   | Mounting                   | Mounting bracket with holes for junction boxes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount ¼"-20 UNC tripod screw thread   |
| Camera angle adjustment           | Pan ±180°, tilt -40 to +75°, rotation ±95°   | Sustainability             | PVC free  |
| System on chip (SoC)              |  | Power                      | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 11.5 W, typical 8.4 W  |
| Model                             | ARTPEC-6   | Connectors                 | RJ45 10BASE-T/100BASE-TX PoE<br>Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology   |
| Memory                            | 1 GB RAM, 512 MB Flash   | IR illumination            | 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   |
| Video                             |  | Storage                    | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption (AES-XTS-Plain64 256bit)<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see <a href="https://axis.com">axis.com</a>   |
| Video compression                 | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG   | Operating conditions       | 0 °C to 50 °C (32 °F to 122 °F)<br>Humidity 10 to 85% RH (non-condensing)   |
| Resolution                        | 3072x1728 to 160x90  | Storage conditions         | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5-95% RH (non-condensing)  |
| Frame rate                        | 25/30 fps with power line frequency 50/60 Hz   | Approvals                  | EMC<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>Safety<br>IEC/EN/UL 60950-1, 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),<br>IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP52,<br>IEC/EN 62262 IK08<br>Network<br>NIST SP500-267 |
| Video streaming                   | 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   | Dimensions                 | Height: 101 mm (4 in)<br>ø 149 mm (5 7/8 in)  |
| Multi-view streaming              | 8 individually cropped out view areas.   | Weight                     | 550 g (1.2 lb)  |
| Pan/Tilt/Zoom                     | Digital PTZ, Preset positions  | Included accessories       | Installation guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistox®T20 L-key, drill template, connector guard   |
| Image settings                    | 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  | Optional accessories       | AXIS T6101 Audio and I/O Interface<br>AXIS T6112 Audio and I/O Interface<br>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  |
| Audio                             |  |                            |   |
| Audio input/output                | Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology  |                            |   |
| Network                           |  |                            |   |
| Network protocols                 | IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SIP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)  |                            |   |
| System integration                |  |                            |   |
| Application Programming Interface | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="https://axis.com">axis.com</a><br>One-click cloud connection<br>ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T specification at <a href="https://onvif.org">onvif.org</a><br>Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX |                            |   |
| Event triggers                    | Analytics, edge storage events, virtual inputs through API   |                            |   |
| Event actions                     | 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<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text, IR illumination on/off   |                            |   |
| Data streaming                    | Event data   |                            |   |

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| <b>Video management software</b> | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="https://axis.com/vms">axis.com/vms</a> |
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| <b>Languages</b> | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese |
| <b>Warranty</b>  | 5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>   |