

AXIS P3228-LVE Network Camera

Streamlined outdoor-ready 4K fixed dome for any light conditions

AXIS P3228-LVE is a streamlined, outdoor-ready 4K 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. AXIS P3228-LVE is vandal-resistant with IK10 rating.

- > **4K video in full frame rate**
- > **Outdoor ready and IK10 rated**
- > **Forensic WDR, Lightfinder and OptimizedIR**
- > **Remote zoom and focus**
- > **Zipstream for reduced bandwidth and storage needs**



AXIS P3228-LVE Network Camera

| Camera | | Casing |
|--|--|---|
| Image sensor | Progressive scan RGB CMOS 1/2.5" | IP66- and NEMA 4X-rated, IK10 impact-resistant casing with hard-coated dome and dehumidifying membrane Encapsulated electronics and captive screws Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner. |
| Lens | Varifocal, 3.5–10 mm, F1.7 Horizontal field of view: 100°–38° Vertical field of view: 51°–22° Remote zoom and focus, P-Iris control, IR corrected | Sustainability PVC free |
| Day and night | Automatically removable infrared-cut filter | Memory 1 GB RAM, 512 MB Flash |
| Minimum illumination | Color: 0.19 lux, F1.7 B/W: 0.04 lux, F1.7, 0 lux with IR illumination on | Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 11.5 W, typical 8.6 W |
| Shutter time | 1/62500 s to 2 s | Connectors RJ45 10BASE-T/100BASE-TX PoE |
| Camera angle adjustment | Pan ±180°, tilt -40 to +75°, rotation ±95° | IR illumination Optimized IR with power-efficient, long-life 850 nm IR LEDs. Range of reach 30 m (100 ft) or more depending on the scene |
| Video | | Storage Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | Operating conditions -40 °C to 50 °C (-40 °F to 122 °F) Start-up: -30 °C to 50 °C (-22 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F) Humidity 10 to 100% RH (condensing) |
| Resolution | 3840x2160 to 160x90 | Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) |
| Frame rate | 25/30 fps with power line frequency 50/60 Hz | Approvals EMC EN 55032 Class B, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35 |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 | Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 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 |
| Multi-view streaming | 8 individually cropped out view areas. | Dimensions Height: 104 mm (4 1/16 in) ø 149 mm (5 7/8 in) |
| Pan/Tilt/Zoom | Digital PTZ, Preset positions | Weight 750 g (1.7 lb) including weathershield |
| Image settings | Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Fine tuning of behavior at low light, Forensic WDR: up to 120 dB depending on scene, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format | Included accessories Installation guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistorx®T20 L-key, drill template, connector guard, weather shield |
| Network | | Optional accessories AXIS ACI Conduit Bracket A AXIS ACI Conduit Adapters AXIS T94M01L Recessed Mount Kit AXIS T94T01D Pendant Kit including weather shield AXIS Mounts AXIS P32-VE Smoked Dome A |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management | Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/vms |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , 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 | Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| System integration | | Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profiles S and G, specifications at www.onvif.org | a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com). |
| Analytics | Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Cross Line Detection, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap | Environmental responsibility: www.axis.com/environmental-responsibility |
| Event triggers | Analytics, edge storage events, virtual inputs through API | |
| Event actions | File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS, TCP and SNMP trap Overlay text, video recording to edge storage, pre- and post-alarm video buffering, send video clip, IR illumination on/off | |
| Data streaming | Event data | |
| Built-in installation aids | Remote zoom, remote focus, pixel counter | |
| General | | |