

# AXIS P3267-LVE Dome Camera

## 5 MP outdoor dome with IR and deep learning

Featuring Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS P3267-LVE delivers excellent image quality under any light conditions. Built on an Axis system-on-chip (SoC), it includes a deep learning processing unit enabling advanced features and powerful analytics based on deep learning on the edge. For instance, AXIS Object Analytics, can detect and classify humans, vehicles, and types of vehicles, and enables fast VMS search. This robust, IK10-rated outdoor-ready camera includes Axis Edge Vault, a hardware-based cybersecurity platform that safeguards the devices and protects sensitive information from unauthorized access. Plus, AXIS P3267-LVE Mic features a built-in microphone, so it's out-of-the-box-ready for AXIS Audio Analytics.

- > [Excellent image quality in 5 MP](#)
- > [Lightfinder 2.0, Forensic WDR, and OptimizedIR](#)
- > [Analytics with deep learning](#)
- > [Variant with built-in microphone](#)
- > [Axis Edge Vault safeguards the device](#)



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NTS, RTSP, RTCP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)

Camera	
<b>Variants</b>	AXIS P3267-LVE AXIS P3267-LVE Mic
<b>Image sensor</b>	1/2.7" progressive scan RGB CMOS
<b>Lens</b>	Varifocal, 3–8 mm, F1.3 Horizontal field of view: 104°–40° Vertical field of view: 74°–29° Minimum focus distance: 1 m (3.28 ft) IR corrected, remote zoom and focus, P-Iris control
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	With Forensic WDR and Lightfinder 2.0: Color: 0.13 lux at 50 IRE, F1.3 B/W: 0 lux at 50 IRE, F1.3
<b>Shutter speed</b>	1/33500 s to 1/5 s
<b>Camera angle adjustment</b>	Pan ±190°, tilt -10 to +80°, rotation ±190°
System on chip (SoC)	
<b>Model</b>	ARTPEC-8
<b>Memory</b>	2048 MB RAM, 8192 MB Flash
<b>Compute capabilities</b>	Deep learning processing unit (DLPU)
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
<b>Resolution</b>	2592x1944 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, H.265, and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator
<b>Multi-view streaming</b>	Up to 2 individually cropped out view areas in full frame rate
<b>Image settings</b>	Saturation, contrast, brightness, sharpness, Forensic WDR: up to 120 dB depending on scene, white balance, day/night threshold, local contrast, tone mapping, exposure mode, exposure zones, defogging, barrel distortion correction, compression, rotation: 0°, 90°, 180°, 270° including Corridor Format, mirroring, dynamic text and image overlay, privacy masks, polygon privacy mask
<b>Pan/Tilt/Zoom</b>	Digital PTZ, preset positions
Audio	
<b>Audio features</b>	Automatic gain control Speaker pairing 10-band graphic equalizer for audio input Audio privacy control <sup>a</sup>
<b>Audio streaming</b>	Two-way (full duplex) Audio analytics still available when audio streaming is off <sup>a</sup>
<b>Audio input</b>	External microphone input, line input, digital input with ring power or portcast technology Built-in microphone (disabled by default): MEMS microphone <sup>a</sup>
<b>Audio output</b>	Output through speaker pairing or portcast technology
<b>Audio encoding</b>	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate
Microphone	
<b>SNR</b>	66 dB(A) (94 dB SPL @ 1 m) <sup>a</sup>
<b>Max SPL</b>	129 dB (10% THD) <sup>a</sup>
<b>Frequency range</b>	20 Hz to 20 kHz, +/- 0.5 dB for analog mic/line input <sup>a</sup>
Network	
<b>Network protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP,

## 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="https://axis.com">axis.com</a> One-click cloud connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile M, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="https://onvif.org">onvif.org</a> Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
<b>Video management software</b>	Compatible with AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at <a href="https://axis.com/vms">axis.com/vms</a>
<b>Onscreen controls</b>	Day/night shift Defogging Wide dynamic range Video streaming indicator IR illumination
<b>Edge-to-edge</b>	Speaker pairing
<b>Event conditions</b>	Analytics, external input, supervised external input, virtual inputs through API Call: state, state change Device status: above operating temperature, above or below operating temperature, below operating temperature, within operating temperature, IP address removed, new IP address, network lost, system ready, ring power overcurrent protection, live stream active, casing open Digital audio: digital signal contains Axis metadata, digital signal has invalid sample rate, digital signal missing, digital signal okay Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, manual trigger, virtual input MQTT: subscribe Scheduled and recurring: schedule Video: average bitrate degradation, day-night mode, live stream open, tampering
<b>Event actions</b>	Overlay text, external output activation, zoom preset, day/night mode, flash status LED, use lights, set defog mode, set WDR mode Calls: end SIP call, make SIP call, answer call I/O: toggle I/O once, toggle I/O while the rule is active MQTT: publish Notification: email, HTTP, HTTPS, TCP, and SNMP trap Pre- and post-alarm video or image buffering for recording or upload Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email
<b>Built-in installation aids</b>	Remote zoom and focus, straighten image, pixel counter, level grid
Analytics	
<b>Applications</b>	<b>Included</b> AXIS Object Analytics, AXIS Scene Metadata, AXIS Image Health Analytics AXIS Audio Analytics <sup>a</sup> AXIS Live Privacy Shield <sup>b</sup> , AXIS Video Motion Detection, active tampering alarm, audio detection <b>Supported</b> AXIS Perimeter Defender, AXIS License Plate Verifier AXIS Camera Application Platform enabling installation of third-party applications, see <a href="https://axis.com/acap">axis.com/acap</a>
<b>AXIS Object Analytics</b>	<b>Object classes:</b> humans, vehicles (types: cars, buses, trucks, bikes, other) <b>Scenarios:</b> line crossing, object in area, time in area, crossline counting, occupancy in area, motion in area, motion line crossing Up to 10 scenarios <b>Other features:</b> triggered objects visualized with color-coded bounding boxes, polygon include/exclude areas, perspective configuration, ONVIF motion alarm event
<b>AXIS Image Health Analytics</b>	<b>Detection settings:</b> Tampering: blocked image, redirected image Image degradation: blurred image, underexposed image

	Other features: sensitivity, validation period
<b>AXIS Audio Analytics</b>	Valid for variant with built-in microphone Features: adaptive audio detection, audio classification Audio classes: scream, shout Event metadata: audio detections, classifications
<b>AXIS Scene Metadata</b>	Object classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Object attributes: vehicle color, upper/lower clothing color, confidence level, position Audio data: audio level
<b>Approvals</b>	
<b>EMC</b>	EN 50121-4, EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KC KN32 Class A, KC KN35 USA: FCC Part 15 Subpart B Class A Railway: IEC 62236-4
<b>Safety</b>	CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, IEC/EN 62471, IS 13252
<b>Environment</b>	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9)
<b>Network</b>	NIST SP500-267
<b>Cybersecurity</b>	ETSI EN 303 645
<b>Cybersecurity</b>	
<b>Edge security</b>	Software: Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)
<b>Network security</b>	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
<b>Documentation</b>	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a>
<b>General</b>	
<b>Casing</b>	IP66-, NEMA 4X- and IK10-rated Polycarbonate hard coated dome Polycarbonate casing and weathershield Color: white NCS S 1002-B For repainting instructions, go to the product's support page. For information about the impact on warranty, go to <a href="https://axis.com/warranty-implication-when-repainting">axis.com/warranty-implication-when-repainting</a> .
<b>Mounting</b>	Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount

<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 6.4 W, max 12.1 W
<b>Connectors</b>	Network: RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised digital input and 1 digital output (12 V DC output, max. load 25 mA) Audio: 3.5 mm mic/line in
<b>IR illumination</b>	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft) or more depending on the scene
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="https://axis.com">axis.com</a>
<b>Operating conditions</b>	Temperature: -40 °C to 50 °C (-40 °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Start-up temperature: -30 °C to 50 °C (-22 °F to 122 °F) Humidity: 10–100% RH (condensing)
<b>Storage conditions</b>	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 5–95% RH (non-condensing)
<b>Dimensions</b>	<b>Without weathershield:</b> Height: 107 mm (4.21 in) ø 149 mm (5.87 in)
<b>Weight</b>	<b>With weathershield:</b> 900 g (2.0 lb)
<b>Box content</b>	Camera, installation guide, Windows® decoder 1-user license, drill template, RESISTORX® T20 screw bit, terminal block connectors, cable gaskets, connector guard, weathershield
<b>Optional accessories</b>	AXIS TP3201-E Recessed Mount, AXIS TP3103-E Pendant Kit, AXIS T8355 Digital Microphone 3.5 mm, AXIS TP3824-E Dome Clear/Smoked, AXIS TP3821-E Casing Black/White, AXIS Surveillance Cards For more accessories, see <a href="https://axis.com">axis.com</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, 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>
<b>Sustainability</b>	
<b>Substance control</b>	PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709 RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018 REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see <a href="https://echa.europa.eu">echa.europa.eu</a>
<b>Materials</b>	Renewable carbon-based plastic content: 6.5% (recycled) Screened for conflict minerals in accordance with OECD guidelines To read more about sustainability at Axis, go to <a href="https://axis.com/about-axis/sustainability">axis.com/about-axis/sustainability</a>
<b>Environmental responsibility</b>	<a href="https://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a> Axis Communications is a signatory of the UN Global Compact, read more at <a href="https://unglobalcompact.org">unglobalcompact.org</a>

- a. Only valid for variant with built-in microphone  
b. Available for download