

# AXIS P3265-LV Dome Camera

## Indoor 2 MP dome with IR and deep learning

Featuring Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS P3265-LV delivers excellent image quality under any light conditions. Based on the latest 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. Thanks to AXIS Object Analytics, it offers detection and classification of humans, vehicles, and types of vehicles—all tailored to your specific needs. Featuring audio and I/O connectivity, you can integrate equipment and extend the value of your system. Furthermore, this robust, IK10-rated, camera includes built-in cybersecurity to help prevent unauthorized access and safeguard your system.

- > [Excellent image quality in 2 MP](#)
- > [Lightfinder 2.0, Forensic WDR, OptimizedIR](#)
- > [Analytics with deep learning](#)
- > [Built-in cybersecurity features](#)
- > [Audio and I/O connectivity](#)



# AXIS P3265-LV Dome Camera

<b>Camera</b>		
Image sensor	1/2.8" progressive scan RGB CMOS	
Lens	Varifocal, 3.4–8.9 mm, F1.8 Horizontal field of view: 100°–36° Vertical field of view: 53°–20° Minimum focus distance: 50 cm (20 in) IR corrected, remote zoom and focus, P-Iris control	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	<b>With Forensic WDR and Light Under 2.0:</b> <b>Color:</b> 0.1 lux at 50 IRE, F1.8 <b>B/W:</b> 0 lux at 50 IRE, F1.8	Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
Shutter speed	1/66500 s to 2 s	Onscreen controls
Camera angle adjustment	Pan ±180°, tilt ±75°, rotation ±175°	Day/night shift Defogging Wide dynamic range Video streaming indicator IR illumination
<b>System on chip (SoC)</b>		Event conditions
Model	ARTPEC-8	Analytics, external input, supervised external input, virtual inputs through API Audio: audio clip playing, audio clip currently playing 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 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
Memory	1024 MB RAM, 8192 MB Flash	Event actions
Compute capabilities	Deep learning processing unit (DLPU)	Overlay text, external output activation, play audio clip, 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>Video</b>		Built-in installation aids
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profile H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Remote zoom and focus, straighten image, pixel counter, level grid
Resolution	1920x1080 to 160x90	<b>Analytics</b>
Frame rate	<b>With WDR:</b> 25/30 fps with power line frequency 50/60 Hz <b>Without WDR:</b> 50/60 fps with power line frequency 50/60 Hz	AXIS Object Analytics
Video streaming	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>Object classes:</b> humans, vehicles (types: cars, buses, trucks, bikes) <b>Trigger conditions:</b> line crossing, object in area Up to 10 scenarios Metadata visualized with trajectories and color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate streaming	Metadata
Image settings	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>Object data:</b> Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position <b>Event data:</b> Producer reference, scenarios, trigger conditions
Pan/Tilt/Zoom	Digital PTZ, preset positions	Applications
<b>Audio</b>		<b>Included</b> AXIS Object Analytics AXIS Video Motion Detection, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="https://axis.com/acap">axis.com/acap</a>
Audio streaming	Two-way, full duplex	<b>Cybersecurity</b>
Audio encoding	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	Edge security
Audio input/output	External microphone input, line input, digital input with ring power, line output, automatic gain control	<b>Software:</b> Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption <b>Hardware:</b> Secure boot <b>Hardware:</b> Secure boot, Axis Edge Vault with Axis device ID, signed video, secure keystore (CC EAL4+ certified hardware protection of cryptographic operations and keys)
<b>Network</b>		Network security
Security	IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, user access log, centralized certificate management	IEEE 802.1X (EAP-TLS) <sup>a</sup> , IEEE 802.1AR, HTTPS/HSTS <sup>a</sup> , TLS v1.2/v1.3 <sup>a</sup> , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS <sup>a</sup> , HTTP/2, TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, 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)	Documentation
<b>System integration</b>		<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i>
Application Programming Interface	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>	

*Axis Security Development Model*  
 AXIS OS Software Bill of Material (SBOM)  
 To download documents, go to [axis.com/support/cybersecurity/resources](https://axis.com/support/cybersecurity/resources)  
 To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

General	
Casing	IP52- and IK10-rated Polycarbonate hard coated dome Polycarbonate casing 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> .
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount ¼"-20 UNC tripod screw thread
Sustainability	PVC free, BFR/CFR free, 30.2% recycled plastics
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 8.9 W
Connectors	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: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft) or more depending on the scene
Storage	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>
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)

Approvals	<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, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-4, KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A <b>Safety</b> CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, 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 IP52, IEC/EN 62262 IK10 <b>Network</b> NIST SP500-267
Dimensions	Height: 103 mm (4.06 in) ø 149 mm (5.87 in)
Weight	650 g (1.4 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, drill template, RESISTORX® T20 L-key, terminal block connectors, cable gaskets, connector guard
Optional accessories	AXIS TP3201 Recessed Mount, AXIS TP3202 Recessed Mount, AXIS T94K01D Pendant Kit, AXIS Dome Intrusion Switch C, AXIS T8355 Digital Microphone 3.5 mm, AXIS TP3901 Microphone Kit, AXIS ACI Conduit Adapters, smoked dome, black casing For more accessories, see <a href="https://axis.com">axis.com</a>
Video management software	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>
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
Warranty	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>

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