

# AXIS P3265-LVE Dome Camera

## Outdoor 2 MP dome with IR and deep learning

Featuring Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS P3265-LVE 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, outdoor-ready 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**
- > **Available with wide or tele lens**
- > **Built-in cybersecurity features**



# AXIS P3265-LVE Dome Camera

<b>Variants</b>	AXIS P3265-LVE 9 mm AXIS P3265-LVE 22 mm
<b>Camera</b>	
<b>Image sensor</b>	1/2.8" progressive scan RGB CMOS
<b>Lens</b>	<p>9 mm: 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)</p> <p>22 mm: Varifocal, 9–22 mm, F1.6 Horizontal field of view: 35°–15° Vertical field of view: 19°–9° Minimum focus distance: 3 m (9.84 ft)</p> <p>9 mm and 22 mm: IR corrected, remote zoom and focus, P-Iris control</p>
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	<p>With Forensic WDR and Lightfinder 2.0: Color: 0.1 lux at 50 IRE, F1.8/F1.6 (9 mm/22 mm) B/W: 0 lux at 50 IRE, F1.8/F1.6 (9 mm/22 mm)</p>
<b>Shutter speed</b>	1/66500 s to 2 s
<b>Camera adjustment</b>	<p>9 mm: Pan ±180°, tilt ±75°, rotation ±175° 22 mm: Pan ±190°, tilt -10 to +80°, rotation ±190°</p>
<b>System on chip (SoC)</b>	
<b>Model</b>	ARTPEC-8
<b>Memory</b>	1024 MB RAM, 8192 MB Flash
<b>Compute capabilities</b>	Deep learning processing unit (DLPU)
<b>Video</b>	
<b>Video compression</b>	<p>H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG</p>
<b>Resolution</b>	1920x1080 to 160x90
<b>Frame rate</b>	<p>With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz</p>
<b>Video streaming</b>	<p>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</p>
<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
<b>Audio</b>	
<b>Audio streaming</b>	<p>9 mm: Two-way, full duplex 22 mm: Audio in, simplex, two-way audio via edge-to-edge technology</p>
<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
<b>Audio input/output</b>	<p>9 mm: External microphone input, line input, digital input with ring power, line output, automatic gain control 22 mm: External microphone input, line input, digital input with ring power, automatic gain control, network speaker pairing</p>
<b>Network</b>	
<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®, 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)
<b>System integration</b>	
<b>Application Programming Interface</b>	<p>Open API for software integration, including VAPIX®, metadata, and AXIS Camera Application Platform (ACAP); specifications at <a href="https://axis.com/developer-community">axis.com/developer-community</a>. One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® 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.</p>
<b>Video management systems</b>	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at <a href="https://axis.com/vms">axis.com/vms</a> .
<b>Onscreen controls</b>	<p>Day/night shift Defogging Wide dynamic range Video streaming indicator IR illumination</p>
<b>Event conditions</b>	<p>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, 22 mm: 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</p>
<b>Event actions</b>	<p>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</p>
<b>Built-in installation aids</b>	Remote zoom and focus, straighten image, pixel counter, level grid
<b>Analytics</b>	
<b>Applications</b>	<p><b>Included</b> AXIS Object Analytics, AXIS Scene Metadata, AXIS Image Health Analytics, AXIS Live Privacy Shield<sup>®</sup> AXIS Video Motion Detection, active tampering alarm, audio detection</p> <p><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></p>
<b>AXIS Object Analytics</b>	<p><b>Object classes:</b> humans, vehicles (types: cars, buses, trucks, bikes, other) <b>Scenarios:</b> line crossing, object in area, crossline counting, occupancy in area, time in area Up to 10 scenarios <b>Other features:</b> triggered objects visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event</p>
<b>AXIS Image Health Analytics</b>	<p><b>Detection settings:</b> Tampering: blocked image, redirected image Image degradation: blurred image, underexposed image <b>Other features:</b> sensitivity, validation period</p>

<b>AXIS Scene Metadata</b>	<b>Object data:</b> Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates <b>Other attributes:</b> Vehicle color, upper/lower clothing color, confidence, position		9 mm: ¼"-20 UNC tripod screw thread
		<b>Sustainability</b>	9 mm: PVC free, 4.1% recycled plastics 22 mm: PVC free, BFR/CFR free, 6.5% bioplastics
		<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 10.7 W
<b>Approvals</b>		<b>Connectors</b>	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 9 mm: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out, 22 mm: 3.5 mm mic/line in
<b>EMC</b>	EN 55035, EN 55032 Class A, EN 50121-4, 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 KN35, KC KN32 Class A USA: FCC Part 15 Subpart B Class A Railway: IEC 62236-4	<b>IR illumination</b>	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (130 ft)/45 m (148 ft) (9 mm/22 mm) or more depending on the scene
<b>Safety</b>	CAN/CSA C22.2 No. 60950-22, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252	<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="http://axis.com">axis.com</a>
<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>Operating conditions</b>	-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>Network</b>	NIST SP500-267	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
<b>Cybersecurity</b>	ETSI EN 303 645	<b>Dimensions</b>	<b>Without weathershield:</b> Height: 104 mm (4.09 in)/107 mm (4.21 in) (9 mm/22 mm) ø 149 mm (5.87 in)
<b>Cybersecurity</b>		<b>Weight</b>	<b>With weathershield:</b> 800 g (1.8 lb)/900 g (2.0 lb) (9 mm/22 mm)
<b>Edge security</b>	<b>Software:</b> 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 <b>Hardware:</b> 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>Included accessories</b>	Installation guide, Windows® decoder 1-user license, drill template, RESISTORX® T20 L-key (9 mm), RESISTORX® T20 screw bit (22 mm), terminal block connectors, cable gaskets, connector guard, weathershield
<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>Optional accessories</b>	AXIS TP3201-E Recessed Mount, AXIS TP3103-E Pendant Kit, AXIS T94K01D Pendant Kit, AXIS T8355 Digital Microphone 3.5 mm, AXIS Surveillance Cards 9 mm: AXIS Dome Intrusion Switch C, AXIS TP3804-E Metal Casing White, AXIS TP3802-E Clear/Smoked Dome, AXIS TP3820-E Casing Black/White 22 mm: AXIS TP3824-E Dome Clear/Smoked, AXIS TP3821-E Casing Black/White For more accessories, see <a href="http://axis.com">axis.com</a>
<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="http://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="http://axis.com/cybersecurity">axis.com/cybersecurity</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>General</b>		<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<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="http://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		

a. Available for download