

AXIS P3265-V Dome Camera

Indoor 2 MP dome with deep learning

Featuring Lightfinder 2.0 and Forensic WDR, AXIS P3265-V delivers excellent image quality under challenging 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](#)
- > [Analytics with deep learning](#)
- > [Built-in cybersecurity features](#)
- > [Audio and I/O connectivity](#)



AXIS P3265-V Dome Camera

Camera		
Image sensor	1/2.8" progressive scan RGB CMOS	Wide dynamic range Video streaming indicator
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	With Forensic WDR and Lightfinder 2.0: Color: 0.1 lux at 50 IRE, F1.8 B/W: 0.02 lux at 50 IRE, F1.8	
Shutter speed	1/66500 s to 2 s	
Camera angle adjustment	Pan ±180°, tilt ±75°, rotation ±175°	
System on chip (SoC)		
Model	ARTPEC-8	
Memory	1024 MB RAM, 8192 MB Flash	
Compute capabilities	Deep learning processing unit (DLPU)	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
Resolution	1920x1080 to 160x90	
Frame rate	With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz	
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	
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	
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	
Pan/Tilt/Zoom	Digital PTZ, preset positions	
Audio		
Audio streaming	Two-way, full duplex	
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	
Audio input/output	External microphone input, line input, digital input with ring power, line output, automatic gain control	
Network		
Network protocols	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)	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at onvif.org Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.	
Onscreen controls	Day/night shift Defogging	
Event conditions	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	
Event actions	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	
Built-in installation aids	Remote zoom and focus, straighten image, pixel counter, level grid	
Analytics		
AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Scenarios: line crossing, object in area, crossline counting, occupancy in area, time in area Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event	
Metadata	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Attributes: Vehicle color, upper/lower clothing color, confidence, position Event data: Producer reference, scenarios, trigger conditions	
Applications	Included AXIS Object Analytics AXIS Live Privacy Shield AXIS Video Motion Detection, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
Approvals		
EMC	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	
Safety	CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IS 13252	
Environment	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	
Network	NIST SP500-267	

Cybersecurity	ETSI EN 303 645		Typical 3 W, max 5.1 W
Cybersecurity			
Edge security	<p>Software: Signed firmware, 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</p> <p>Hardware: Axis Edge Vault cybersecurity platform</p> <p>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)</p>		
Network security	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		
Documentation	<p><i>AXIS OS Hardening Guide</i></p> <p><i>Axis Vulnerability Management Policy</i></p> <p><i>Axis Security Development Model</i></p> <p>AXIS OS Software Bill of Material (SBOM)</p> <p>To download documents, go to axis.com/support/cybersecurity/resources</p> <p>To read more about Axis cybersecurity support, go to axis.com/cybersecurity</p>		
General			
Casing	<p>IP52- and IK10-rated</p> <p>Polycarbonate hard coated dome</p> <p>Polycarbonate casing</p> <p>Color: white NCS S 1002-B</p> <p>For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting.</p>		
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, 26.6% recycled plastics		
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2		
Connectors	<p>RJ45 10BASE-T/100BASE-TX PoE</p> <p>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)</p> <p>Audio: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out</p>		
Storage	<p>Support for microSD/microSDHC/microSDXC card</p> <p>Support for SD card encryption (AES-XTS-Plain64 256bit)</p> <p>Recording to network-attached storage (NAS)</p> <p>For SD card and NAS recommendations see axis.com</p>		
Operating conditions	<p>0 °C to 50 °C (32 °F to 122 °F)</p> <p>Humidity 10–85% RH (non-condensing)</p>		
Storage conditions	<p>-40 °C to 65 °C (-40 °F to 149 °F)</p> <p>Humidity 5–95% RH (non-condensing)</p>		
Dimensions	<p>Height: 103 mm (4.06 in)</p> <p>ø 149 mm (5.87 in)</p>		
Weight	650 g (1.4 lb)		
Included accessories	Installation guide, Windows® decoder 1-user license, drill template, RESISTOR® 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		
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms		
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese		
Warranty	5-year warranty, see axis.com/warranty		