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

Variants
AXIS P3265-LVE 9 mm
AXIS P3265-LVE 22 mm

Camera

Image sensor
1/2.8" progressive scan RGB CMOS

Lens
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)
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)
9 mm and 22 mm:
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/F1.6 **(9 mm/22 mm)**
B/W: 0 lux at 50 IRE, F1.8/F1.6 **(9 mm/22 mm)**

Shutter speed
1/66500 s to 2 s

Camera adjustment
9 mm: Pan ±180°, tilt ±75°, rotation ±175°
22 mm: Pan ±190°, tilt -10 to +80°, rotation ±190°

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
9 mm: Two-way, full duplex
22 mm: Audio in, simplex, two-way audio via edge-to-edge technology

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

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

Network

Network protocols

IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS[1], HTTP/2, TLS[1], 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®, metadata, and AXIS Camera Application Platform (ACAP); specifications at *axis.com/developer-community*.
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.

Video management systems

Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at *axis.com/vms*.

Onscreen controls

Day/night shift
Defogging
Wide dynamic range
Video streaming indicator
IR illumination

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, **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: subcribe
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

Applications

Included
AXIS Object Analytics, AXIS Scene Metadata, AXIS Image Health Analytics, AXIS Live Privacy Shield[2]
AXIS Video Motion Detection, active tampering alarm, audio detection
Supported
AXIS Perimeter Defender, AXIS License Plate Verifier
AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*

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1. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
2. *Available for download*

AXIS Object Analytics

Object classes: humans, vehicles (types: cars, buses, trucks, bikes, other)
Scenarios: line crossing, object in area, crossline counting, occupancy in area, time in area
Up to 10 scenarios
Other features: triggered objects visualized with trajectories, color-coded bounding boxes and tables
Polygon include/exclude areas
Perspective configuration
ONVIF Motion Alarm event

AXIS Image Health Analytics

Detection settings:
Tampering: blocked image, redirected image
Image degradation: blurred image, underexposed image
Other features: sensitivity, validation period

AXIS Scene Metadata

Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates
Other attributes: Vehicle color, upper/lower clothing color, confidence, position

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. 60950-22,
CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1,
IEC/EN/UL 60950-22, IEC/EN 62471, 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 IP66, IEC/EN 62262 IK10, NEMA 250
Type 4X, NEMA TS 2 (2.2.7-2.2.9)

Network
NIST SP500-267

Cybersecurity
ETSI EN 303 645, BSI IT Security Label, FIPS-140

Cybersecurity

Edge security
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, Axis Cryptographic Module (FIPS 140-2 level 1), 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)

Network security
IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2)[3], IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS[3], TLS v1.2/v1.3[3], Network Time Security (NTS), X.509 Certificate PKI, host-based firewall

Documentation
AXIS OS Hardening Guide
Axis Vulnerability Management Policy
Axis Security Development Model
AXIS OS Software Bill of Material (SBOM)
To download documents, go to *axis.com/support/cybersecurity/resources*
To read more about Axis cybersecurity support, go to *axis.com/cybersecurity*

General

Casing
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 *axis.com/warranty-implication-when-repainting*.

Mounting
Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount
9 mm: ¼"-20 UNC tripod screw thread

Sustainability
9 mm: PVC free, 4.1% recycled plastics
22 mm: PVC free, BFR/CFR free, 6.5% bioplastics

3. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Power

Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1
Class 3
Typical 4.8 W, max 10.7 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 **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

IR illumination

OptimizedIR 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

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 *axis.com*

Operating conditions

-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)

Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F)
Humidity 5–95% RH (non-condensing)

Dimensions

Without weathershield:
Height: 104 mm (4.09 in)/107 mm (4.21 in) (**9 mm/22
mm**)
ø 149 mm (5.87 in)

Weight

With weathershield:
800 g (1.8 lb)/900 g (2.0 lb) (**9 mm/22 mm**)

Included accessories

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

Optional accessories

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 *axis.com*

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*

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