

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

Camera

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

With Forensic WDR and Lightfinder 2.0:
Color: 0.1 lux at 50 IRE, F1.8
B/W: 0 lux at 50 IRE, F1.8

Shutter speed

1/66500 s to 2 s

Camera adjustment

Pan $\pm 180^\circ$, tilt $\pm 75^\circ$, rotation $\pm 175^\circ$

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, HTTPS¹, HTTP/2, TLS¹, 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.

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

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

Applications

Included

AXIS Object Analytics, AXIS Scene Metadata,

AXIS Image Health Analytics, AXIS Live Privacy Shield²

AXIS Video Motion Detection, active tampering alarm,

audio detection

Supported

AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap

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

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. 62368-1, IEC/EN/UL 62368-1,
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 IP52, IEC/EN 62262 IK10

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/HSTS³, TLS v1.2/v1.3³, 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

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 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

1/4"-20 UNC tripod screw thread

Sustainability

PVC free, BFR/CFR free, 30.2% recycled plastics

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 (ey@cryptsoft.com).

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 axis.com

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)

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 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