

## AXIS P3268-SLVE Dome Camera

### Stainless steel 8 MP dome with deep learning

Enclosed in a marine-grade, stainless steel casing, this robust and DNV-certified camera can withstand the corrosive effects of seawater and cleaning chemicals. Easy to clean and maintain, it's certified by NSF/ANSI to Standard 169 (Special Purpose Food Equipment and Devices) for use in food processing facilities. With Lightfinder 2.0, Forensic WDR, and OptimizedIR, it delivers excellent 4K image quality under any light conditions. And a deep learning processing unit offers improved processing and storage capabilities. Furthermore, it includes Axis Edge Vault, a hardware-based cybersecurity platform that guarantees the device's integrity and protects it from unauthorized access.

- > **Marine-grade stainless steel casing**
- > **NSF/ANSI Standard 169 certified**
- > **DNV-certified for maritime environments**
- > **Excellent image quality in 4K**
- > **Support for analytics with deep learning**



# AXIS P3268-SLVE Dome Camera

## Camera

### Image sensor

1/1.8" progressive scan RGB CMOS

### Lens

Varifocal, 4.3–8.6 mm, F1.5  
Horizontal field of view: 100°–53°  
Vertical field of view: 54°–30°  
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: 0.14 lux at 50 IRE, F1.5  
B/W: 0 lux at 50 IRE, F1.5

### Shutter speed

1/8500 s to 1/5 s

### Camera adjustment

Pan  $\pm 190^\circ$ , tilt -10 to  $+80^\circ$ , rotation  $\pm 190^\circ$

## System on chip (SoC)

### Model

ARTPEC-8

### Memory

2048 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

3840x2160 to 160x90

### Frame rate

25/30 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

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

External microphone input, line input, digital input with ring power, automatic gain control, network speaker pairing

## Network

### Security

IP address filtering, HTTPS<sup>1</sup> encryption, IEEE 802.1x (EAP-TLS)<sup>1</sup> network access control, user access log, centralized certificate management

### Network protocols

IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS<sup>1</sup>, HTTP/2, TLS<sup>1</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, PTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)

## System integration

### Application Programming Interface

Open API for software integration, including VAPIX<sup>®</sup> and AXIS Camera Application Platform; specifications at [axis.com](https://axis.com)

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 [onvif.org](https://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](https://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

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, 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

### Event actions

Overlay text, external output activation, 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<sup>2</sup>, AXIS Video Motion Detection, active tampering alarm, audio detection

#### Supported

AXIS Perimeter Defender, AXIS License Plate Verifier  
Support for AXIS Camera Application Platform enabling installation of third-party applications, see [axis.com/acap](https://axis.com/acap)

1. 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 ([ey@cryptsoft.com](mailto:ey@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, time in area  
Up to 10 scenarios

**Other features:** triggered objects visualized with color-coded bounding boxes

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 classes:** humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates

**Object attributes:** confidence, position

## **Approvals**

### **Product markings**

BIS, CE, DNV, NSF, KC, RCM, UL/cUL, UKCA, VCCI, WEEE

### **Supply chain**

TAA compliant

### **EMC**

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

**Australia/New Zealand:** RCM AS/NZS CISPR 32 Class A

**Canada:** ICES-3(A)/NMB-3(A)

**Japan:** VCCI Class A

**Korea:** KC KN32 Class A, KC KN35

**USA:** FCC Part 15 Subpart B Class A

**Railway:** IEC 62236-4

### **Safety**

CAN/CSA C22.2 No. 62368-1 ed. 3,

IEC/EN/UL 62368-1 ed. 3, IEC 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 60529 IP67,  
IEC/EN 60529 IP68, ISO 20653 IP6K9K, IEC/EN 62262  
IK11 (50J), 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

### **Certifications**

**DNV:**

EMC B, enclosure C, humidity B, temperature D,  
vibration A

**Certificate:** TAA00003C6

**NSF:**

**Certificate:** C0759806

## **Cybersecurity**

### **Edge security**

**Software:** Signed OS, brute force delay protection,  
digest authentication, 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)<sup>3</sup>, IEEE 802.1AR, HTTPS/HSTS<sup>3</sup>, TLS  
v1.2/v1.3<sup>3</sup>, Network Time Security (NTS), X.509

Certificate PKI, host-based firewall

### **Documentation**

*AXIS OS Hardening Guide*

*Axis Vulnerability Management Policy*

*Axis Security Development Model*

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**

IP6K9K-, IP66-, IP67-, IP68- and NEMA 4X-rated, IK11  
(50 joules) impact-resistant stainless steel casing  
Polycarbonate hard-coated dome and dehumidifying  
membranes Electropolished SS 316L stainless steel  
Encapsulated electronics  
Captive stainless steel screws

3. 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 ([ey@cryptosoft.com](mailto:ey@cryptosoft.com)).

## Mounting

Mounting bracket with junction box holes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount

3/4" (M25) conduit side entry

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## Power

Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3

Typical 5.5 W , max 11.2 W

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## 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: 3.5 mm mic/line in

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## 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

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## 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](https://axis.com)

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## 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)

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## Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F)

Humidity 5–95% RH (non-condensing)

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## Dimensions

Height: 112 mm (4.43 in)

ø 166 mm (6.52 in)

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## Weight

1.76 Kg (3.88 lb)

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## Box content

Installation guide, Windows® decoder 1-user license, RESISTORX® T20 screw bit, terminal block connectors for DC and I/O, ø5–15mm cable gasket, connector guard, ø3–5mm cable gasket, plugs

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## Optional accessories

AXIS T91F61 Wall Mount, T91F67 Pole Mount, AXIS T94U01D Pendant Kit, AXIS T94U02D Pendant Kit, AXIS TP3824-E Dome Clear/Smoked, AXIS T8355 Digital Microphone 3.5 mm AXIS Surveillance Cards

For more accessories, go to [axis.com/products/axis-p3268-slve#accessories](https://axis.com/products/axis-p3268-slve#accessories)

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## Languages

English, German, French, Spanish, Italian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese

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## Warranty

5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

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## Part numbers

Available at [axis.com/products/axis-p3268-slve#part-numbers](https://axis.com/products/axis-p3268-slve#part-numbers)

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## Sustainability

### Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709

RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see [echa.europa.eu](https://echa.europa.eu)

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### Materials

Renewable carbon-based plastic content: 13.2% (recycled)

Screened for conflict minerals in accordance with OECD guidelines

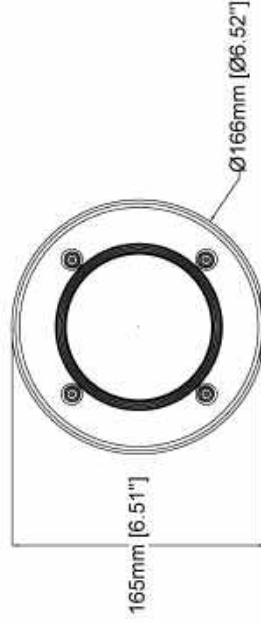
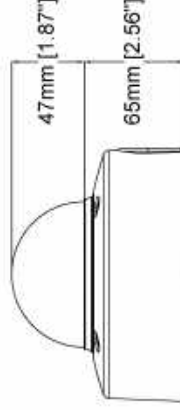
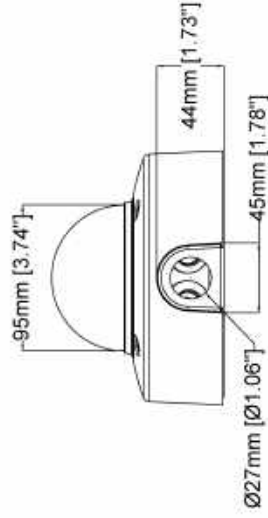
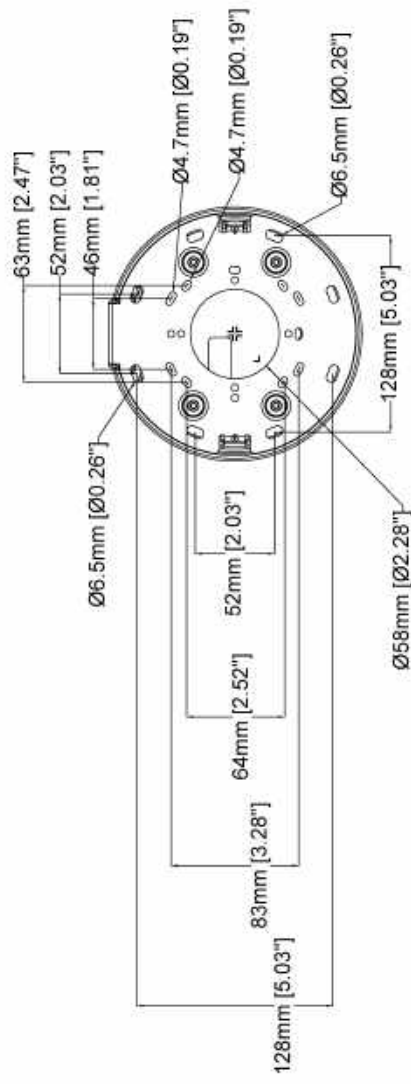
To read more about sustainability at Axis, go to [axis.com/about-axis/sustainability](https://axis.com/about-axis/sustainability)

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### Environmental responsibility

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)

Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](https://unglobalcompact.org)





## Highlighted capabilities

### Axis Edge Vault

Axis Edge Vault is the hardware-based cybersecurity platform that safeguards the Axis device. It forms the foundation that all secure operations depend on and offer features to protect the device's identity, safeguard its integrity and protect sensitive information from unauthorized access. For instance, **secure boot** ensures that a device can boot only with **signed OS**, which prevents physical supply chain tampering. With signed OS, the device is also able to validate new device software before accepting to install it. And the **secure keystore** is the critical building-block for protecting cryptographic information used for secure communication (IEEE 802.1X, HTTPS, Axis device ID, access control keys etc.) against malicious extraction in the event of a security breach. The secure keystore and secure connections are provided through a Common Criteria or FIPS 140 certified hardware-based cryptographic computing module.

Furthermore, signed video ensures that video evidence can be verified as untampered. Each camera uses its unique video signing key, which is securely stored in the secure keystore, to add a signature into the video stream allowing video to be traced back to the Axis camera from where it originated.

To read more about Axis Edge Vault, go to [axis.com/solutions/edge-vault](https://axis.com/solutions/edge-vault).

### Zipstream

The Axis Zipstream technology preserves all the important forensic in the video stream while lowering bandwidth and storage requirements by an average of 50%. Zipstream also includes three intelligent algorithms, which ensure that relevant forensic information is identified, recorded, and sent in full resolution and frame rate.

### Forensic WDR

Axis cameras with wide dynamic range (WDR) technology make the difference between seeing important forensic details clearly and seeing nothing but a blur in challenging light conditions. The difference between the darkest and the brightest spots can spell trouble for image usability and clarity. Forensic WDR effectively reduces visible noise and artifacts to deliver video tuned for maximal forensic usability.

### Lightfinder

The Axis Lightfinder technology delivers high-resolution, full-color video with a minimum of motion blur even in near darkness. Because it strips away noise, Lightfinder makes dark areas in a scene visible and captures details in very low light. Cameras with Lightfinder discern color in low light better than the human eye. In surveillance,

color may be the critical factor to identify a person, an object, or a vehicle.

### AXIS Object Analytics

AXIS Object Analytics is a preinstalled, multifeatured video analytics that detects and classifies humans, vehicles, and types of vehicles. Thanks to AI-based algorithms and behavioral conditions, it analyzes the scene and their spatial behavior within – all tailored to your specific needs. Scalable and edge-based, it requires minimum effort to set up and supports various scenarios running simultaneously.

### OptimizedIR

Axis OptimizedIR provides a unique and powerful combination of camera intelligence and sophisticated LED technology, resulting in our most advanced camera-integrated IR solutions for complete darkness. In our pan-tilt-zoom (PTZ) cameras with OptimizedIR, the IR beam automatically adapts and becomes wider or narrower as the camera zooms in and out to make sure that the entire field of view is always evenly illuminated.

For more information, see [axis.com/glossary](https://axis.com/glossary)