AXIS P3267-LVE Dome Camera

5 MP outdoor dome with IR and deep learning

Featuring Lightfinder 2.0, Forensic WDR, and OptimizedIR, AXIS P3267-LVE delivers excellent image quality under any light conditions. Built on an 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. For instance, AXIS Object Analytics, can detect and classify humans, vehicles, and types of vehicles, and enables fast VMS search. This robust, IK10-rated outdoor-ready camera includes Axis Edge Vault, a hardware-based cybersecurity platform that safeguards the devices and protects sensitive information from unauthorized access. Plus, AXIS P3267-LVE Mic features a built-in microphone, so it's out-of-the-box-ready for AXIS Audio Analytics.

- > Excellent image quality in 5 MP
- > Lightfinder 2.0, Forensic WDR, and OptimizedIR
- > Analytics with deep learning
- > Variant with built-in microphone
- > Axis Edge Vault safeguards the device

AXIS P3267-LVE Dome Camera

Camera

Variants
AXIS P3267-LVE
AXIS P3267-LVE Mic

Image sensor
1/2.7" progressive scan RGB CMOS

Lens
Varifocal, 3–8 mm, F1.3
Horizontal field of view: 104°–40°
Vertical field of view: 74°–29°
Minimum focus distance: 1 m (3.28 ft)
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: 0.13 lux at 50 IRE, F1.3
B/W: 0 lux at 50 IRE, F1.3

Shutter speed
1/33500 s to 1/5 s

Camera adjustment
Pan ±190°, tilt -10 to +80°, rotation ±190°

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
2592x1944 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 features
Automatic gain control
Speaker pairing
10-band graphic equalizer for audio input
Audio privacy control[1]

Audio streaming
Two-way (full duplex)
Audio analytics still available when audio streaming is off[1]

Audio input
External microphone input, line input, digital input with ring power or portcast technology
Built-in microphone (disabled by default): MEMS microphone[1]

1. *Only valid for variant with built-in microphone*

Audio output
Output through speaker pairing or portcast 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

Microphone

SNR
66 dB(A) (94 dB SPL @ 1 m)[2]

Max SPL
129 dB (10% THD)[2]

Frequency range
20 Hz to 20 kHz, +/- 0.5 dB for analog mic/line input[2]

Network

Network protocols
IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS[3], HTTP/2, TLS[3], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, PTP, 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 software
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

Edge-to-edge
Speaker pairing

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: subcribe
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

2. *Only valid for variant with built-in microphone*
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).*

Analytics

Applications
Included
AXIS Object Analytics, AXIS Scene Metadata, AXIS Image Health Analytics
AXIS Audio Analytics[4]
AXIS Live Privacy Shield[5], 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*

AXIS Object Analytics
Object classes: humans, vehicles (types: cars, buses, trucks, bikes, other)
Scenarios: line crossing, object in area, time in area, crossline counting, occupancy in area, motion in area, motion line crossing
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 Audio Analytics
Valid for variant with built-in microphone
Features: adaptive audio detection, audio classification
Audio classes: scream, shout, glass break, speech
Event metadata: audio detections, classifications

AXIS Scene Metadata
Object classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates
Object attributes: vehicle color, upper/lower clothing color, confidence level, position
Audio data: audio level

Approvals

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/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 Client Credential Flow/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)[6], IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS[6], TLS v1.2/v1.3[6], Network Time Security (NTS), X.509 Certificate PKI, host-based firewall

4. *Only valid for variant with built-in microphone*
5. *Available for download*
6. *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).*

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

Power
Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3
Typical 6.4 W, max 12.1 W

Connectors
Network: 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

IR illumination
OptimizedIR 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
Temperature: -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
Temperature: -40 °C to 65 °C (-40 °F to 149 °F)
Humidity: 5–95% RH (non-condensing)

Dimensions
Without weathershield:
Height: 107 mm (4.21 in)
ø 149 mm (5.87 in)

Weight
With weathershield:
900 g (2.0 lb)

Box content
Camera, installation guide, Windows® decoder 1-user license, drill template, RESISTORX® T20 screw bit, terminal block connectors, cable gaskets, connector guard, weathershield

Optional accessories
AXIS TP3201-E Recessed Mount, AXIS TP3103-E Pendant Kit, AXIS T8355 Digital Microphone 3.5 mm, AXIS TP3824-E Dome Clear/Smoked, AXIS TP3821-E Casing Black/White, AXIS Surveillance Cards
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*

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*

Materials

Renewable carbon-based plastic content: 6.5% (recycled)
Screened for conflict minerals in accordance with OECD guidelines
To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*

Environmental responsibility

axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

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