# AXIS P3807-PVE Network Camera
## Panoramic camera for seamless, 180° coverage

AXIS P3807-PVE Network Camera is a fixed dome camera with multiple sensors, providing an easy, reliable and cost-efficient one-camera installation – reducing installation time, cabling and VMS license costs. Thanks to its excellent image sensors, along with Forensic WDR and Lightfinder technology, it provides great video quality in any light conditions. Its four sensors give a seamless 180° panoramic overview, at up to 30 fps in 8.3 MP resolution. The camera is easy to install as recessed, flush, pendant, back-to-back, and comes with adjustable pre-set camera positions.

> **Seamlessly stitched images**

> **180° horizontal and 90° vertical coverage**

> **8.3 MP resolution at full frame rate**

> **Axis Lightfinder and Forensic WDR**

> **Axis Zipstream for reduced bandwidth and storage needs**

# AXIS P3807-PVE Network Camera

## Camera

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|---|---|
| **Image sensor** | 4 x 1/2.9" progressive scan RGB CMOS |
| **Lens** | Fixed 3.2 mm, F2.0<br>Horizontal field of view: 180°<br>Vertical field of view: 90°<br>M12 mount |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | **Color:** 0.17 lux, F2.0<br>**B/W:** 0.05 lux, F2.0 |
| **Shutter time** | 1/33500 to 1/10 s |
| **Camera angle adjustment** | Pan ±180°<br>Tilt 0°, 35°, 45°, 55°<br>Roll ±5° |

## Video

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| **Video compression** | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG |
| **Resolution** | 4320x1920 to 480x270 |
| **Frame rate** | 8.3 MP (client dewarp): up to 25/30 fps (50/60 Hz) without WDR,<br>up to 12.5/15 fps (50/60 Hz) with WDR<br>7.5 MP (dewarped): up to 12.5/15 fps (50/60 Hz) |
| **Video streaming** | 8.3 MP (client dewarp): 1 individually configurable stream in H.264 and Motion JPEG<br>7.5 MP (dewarped): 2 individually configurable streams in H.264 and Motion JPEG<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/ABR/MBR H.264 |
| **Image settings** | Saturation, contrast, brightness, sharpness, Forensic WDR: up to 120 dB depending on scene, white balance, day/night threshold, exposure mode, compression, dynamic text and image overlay, exposure control, noise reduction, fine tuning of behavior at low light, polygon privacy masks |

## Audio

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| **Audio input/output** | Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology |

## Network

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| **Security** | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X (EAP-TLS)[a] network access control, digest authentication, user access log, centralized certificate management<br>signed firmware |
| **Supported protocols** | IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP |

## System integration

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| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com*<br>AXIS Guardian with One-Click Connection<br>ONVIF® Profile G and ONVIF® Profile S, specification at *onvif.org* |
| **Analytics** | **Included**<br>AXIS Video Motion Detection, active tampering alarm<br>**Supported**<br>AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap* |
| **Event triggers** | Analytics, edge storage events, shock detection |
| **Event actions** | Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap<br>File upload: FTP, SFTP, HTTP, HTTPS network share, email<br>Notification: email, HTTP, HTTPS TCP |
| **Data streaming** | Event data |
| **Built-in installation aids** | Pixel counter, Leveling guide |

## General

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| **Casing** | IP66-/IP67- and NEMA 4X-rated, IK10-rated impact-resistant casing with polycarbonate hard coated clear dome, aluminum base and dehumidifying membrane<br>Color: white NCS S 1002-B<br>For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner. |
| **Mounting** | Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon)<br>¾" (M25) conduit side entries |
| **Sustainability** | PVC free |
| **Memory** | 1024 MB RAM, 512 MB Flash |
| **Power** | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3<br>Typical 7 W, max 12.9 W |
| **Connectors** | Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE<br>Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see *axis.com* |
| **Operating conditions** | –30 °C to 50 °C (–22 °F to 122 °F)<br>–20 °C to 50 °C (–4 °F to 122 °F) when using AXIS T61 Audio and I/O Interface Series<br>Maximum temperature (intermittent): 60 °C (140 °F)<br>Humidity 10–100% RH (condensing) |
| **Storage conditions** | –40 °C to 65 °C (–40 °F to 149 °F) |
| **Approvals** | **EMC**<br>EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35<br>**Safety**<br>IEC/EN/UL 60950-22, IEC/EN/UL 62368-1, IS 13252<br>**Environment**<br>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/IP67, , IEC/EN 62262 IK10, NEMA 250 Type 4XNEMA TS 2-2016 |
| **Dimensions** | Height: 166 mm (6 9/16 in)<br>Width without weathershield: 198 mm (7.8 in)<br>Width with weathershield: 206 mm (8.1 in) |
| **Weight** | 2.0 kg (4.5 lb) |
| **Mounting height** | Recommended: 4-15 m |
| **Included accessories** | Installation guide, Windows decoder 1-user license, Resistorx® L-key, Weathershield, Mounting bracket, Cable gasket, Axis U-shape conduit adapter 30 mm |
| **Optional accessories** | AXIS T94V01C Dual Camera Mount, AXIS T94V02D Pendant Kit, AXIS T94V01L Recessed Mount, AXIS T91B47 Pole Mount<br>For more accessories, see *axis.com* |
| **Video management software** | AXIS Companion[b], AXIS Camera Station, video management software from Axis Application Development Partners available on *axis.com/vms* |
| **Languages** | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| **Warranty** | Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty* |

a. *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).*
b. *Compatible with 7.5 MP (dewarped) only.*

Environmental responsibility:

*axis.com/environmental-responsibility*

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