

AXIS P3717-PLE Network Camera

8 MP multidirectional camera with IR for 360° coverage

AXIS P3717-PLE Network Camera is a compact 8-megapixel camera with four varifocal lenses enabling overview and detailed surveillance. With one IP address and one network cable, the four-camera-in-one unit provides a flexible, cost-effective solution for multidirectional surveillance. 360° IR illumination, Forensic WDR and Lightfinder technology provides excellent video quality in any light conditions. Each camera head can be individually positioned (pan, tilt, roll and twist) along a circular track. Remote zoom and focus makes it easy to install and the clear cover, with no sharp edges, ensures undistorted views in all directions. The camera comes with an integrated weathershield.

- > **8 MP, 360° multidirectional camera, one IP address**
- > **360° IR illumination and remote zoom and focus**
- > **Axis Lightfinder and Forensic WDR**
- > **Flexible positioning of four varifocal camera heads**
- > **Axis Zipstream for reduced bandwidth and storage needs**



AXIS P3717-PLE Network Camera

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| Camera | | Built-in installation aids | Pixel counter, focus assistant, remote focus, remote zoom |
| Image sensor | 4 x 1/2.8" progressive scan RGB CMOS | Analytics | |
| Lens | Varifocal, 3–6 mm, F1.8–2.6 4x1080p capture mode: Horizontal field of view: 96°–49° Vertical field of view: 53°–27° Diagonal field of view: 113°–55° Motorized focus, motorized zoom | Applications | Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap |
| Day and night | Automatically removable infrared-cut filter | General | |
| Minimum illumination | Color: 0.17 lux at 50 IRE F1.8 B/W: 0.04 lux at 50 IRE F1.8, 0 lux with IR illumination on | Casing | IP66-, IP67-, NEMA 4X-rated, IK09 impact-resistant, aluminium and plastic casing with polycarbonate hard-coated dome, sunshield (PC/ASA) Color: white NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner. |
| Shutter speed | 1/32500 s to 2 s with 50 Hz 1/32500 s to 2 s with 60 Hz | Mounting | Mounting bracket with junction box holes (double gang box, single gang box, 4" octagon junction box and 4" square junction box) ½" (M20) conduit side entry ¾" (M25) conduit adapter included |
| Camera angle adjustment | Pan ±90°, tilt +25 to +95°, rotation –5 to +95°, twist ±20° | Sustainability | PVC free |
| System on chip (SoC) | | Power | Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 IR illumination on: class 4, typical 11.1 W, max 17.0 W IR illumination off: class 3, typical 8.6 W, max 11.0 W |
| Model | ARTPEC-6 | Connectors | Shielded RJ45 10BASE-T/100BASE-TX PoE Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology |
| Memory | 1024 MB RAM, 512 MB Flash | IR illumination | Four individually controllable IR with power-efficient, long-life 850 nm IR LEDs Range of reach 15 m (50 ft) or more depending on the scene |
| Video | | Storage | Support for microSD/microSDHC/microSDXC card Dual SD cards Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | Operating conditions | –30 °C to 50 °C (–22 °F to 122 °F) Humidity 10–100% RH (condensing) |
| Resolution | 4 x 1920x1080 (4 x HDTV 1080p) to 160x90 | Storage conditions | –40 °C to 65 °C (–40 °F to 149 °F) |
| Frame rate | Up to 25/30 fps (50/60 Hz) | Approvals | EMC EN 55032 Class A, EN 50121–4, IEC 62236–4, EN 61000–3–2, EN 61000–3–3, 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 Safety IEC/EN/UL 62368–1, IEC/EN/UL 60950–22, 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 IP66/67, IEC/EN 62262 IK09, NEMA 250 Type 4X, NEMA TS 2 (2.2.7–2.2.9) Network NIST SP500–267 |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264 | Dimensions | Height: 91.5 mm (3.6 in) ø 255 mm (10.04 in) |
| Image settings | Saturation, contrast, brightness, sharpness, Forensic WDR, white balance, exposure control, exposure zone, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, Polygon privacy mask, compression | Weight | 2.0 kg (4.4 lb) |
| Audio | | Included accessories | RJ45 mounting tool, screw bit T20, Installation guide, Windows® decoder 1-user license |
| Audio input/output | Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology A 30 W midspan or higher between AXIS T61 Audio and I/O Interfaces and AXIS P3717-PLE is required. | Optional accessories | AXIS T94N01D Pendant Kit, Axis mounts and cabinets For more accessories, see axis.com |
| Network | | Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms |
| IP address | One IP address for all channels | Languages | English, Simplified Chinese, Traditional Chinese, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish |
| 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, brute force delay protection, signed firmware | Warranty | 5-year warranty, see axis.com/warranty |
| Network protocols | IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf) | Footnote | |
| System integration | | 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 (ey@cryptsoft.com). | |
| 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 | | |
| Event triggers | Detectors, hardware, input signal, storage, system, time, analytics, edge storage events MQTT subscribe | | |
| Event actions | Day/night vision mode, overlay text, record video, send images, send notification, send SNMP trap, send video clip, status LED File upload: FTP, HTTP, HTTPS, network share, SFTP and email Notification: email, HTTP, HTTPS, TCP and SNMP trap MQTT publish | | |
| Data streaming | Event data | | |

Environmental responsibility:

axis.com/environmental-responsibility