

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**



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Camera		Built-in installation aids
Image sensor	4 x 1/2.8" progressive scan RGB CMOS	Pixel counter, focus assistant, remote focus, remote zoom
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	Analytics 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 <i>axis.com/acap</i>
Day and night	Automatically removable infrared-cut filter	
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	
Shutter speed	1/32500 s to 2 s with 50 Hz 1/32500 s to 2 s with 60 Hz	
Camera angle adjustment	Pan ±90°, tilt +25 to +95°, rotation –5 to +95°, twist ±20°	
System on chip (SoC)		
Model	ARTPEC-6	
Memory	1024 MB RAM, 512 MB Flash	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolution	4 x 1920x1080 (4 x HDTV 1080p) to 160x90	
Frame rate	Up to 25/30 fps (50/60 Hz)	
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	
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	
Audio		
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.	
Network		
IP address	One IP address for all channels	
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	
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, RTSP, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, 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 <i>axis.com</i> One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at <i>onvif.org</i>	
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	

Built-in installation aids	
Analytics	
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 <i>axis.com/acap</i>
General	
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.
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
Sustainability	PVC free
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
Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology
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
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 <i>axis.com</i>
Operating conditions	–30 °C to 50 °C (–22 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
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
Dimensions	Height: 91.5 mm (3.6 in) ø 255 mm (10.04 in)
Weight	2.0 kg (4.4 lb)
Included accessories	RJ45 mounting tool, screw bit T20, Installation guide, Windows [®] decoder 1-user license
Optional accessories	AXIS T94N01D Pendant Kit, Axis mounts and cabinets For more accessories, see <i>axis.com</i>
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at <i>axis.com/vms</i>
Languages	English, Simplified Chinese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish
Warranty	5-year warranty, see <i>axis.com/warranty</i>