

# AXIS P3719-PLE Network Camera

15 MP multidirectional camera with IR for 360° coverage

AXIS P3719-PLE Network Camera is a compact 15-megapixel camera with four varifocal lenses (4 x Quad HD) enabling overview and detailed surveillance. With one IP address and one network cable, the four-cameras-in-one unit provides a flexible, cost-effective solution for multidirectional surveillance. 360° IR illumination and WDR 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 has an integrated weathershield.

- > [15 MP, 360° coverage with one IP address](#)
- > [360° IR illumination](#)
- > [Compact, flexible and discreet](#)
- > [Remote zoom and focus](#)
- > [Zipstream](#)



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Support for AXIS Camera Application Platform enabling installation of third-party applications, see [axis.com/acap](http://axis.com/acap)

Camera	
<b>Image sensor</b>	4 x 1/2.5" progressive scan RGB CMOS
<b>Lens</b>	Varifocal, 3–6 mm, F1.8–2.6 4 x 1440p capture mode: Horizontal field of view: 101°–49° Vertical field of view: 54°–29° Diagonal field of view: 116°–58° Motorized focus, motorized zoom
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	Color: 0.20 lux at 50 IRE F1.8 B/W: 0.04 lux at 50 IRE F1.8, 0 lux with IR illumination on
<b>Shutter speed</b>	1/66500 s to 1/5 s with 50/60 Hz
<b>Camera angle adjustment</b>	Pan ±90°, tilt +25 to +95°, rotation –5 to +95°, twist ±20°

System on chip (SoC)	
<b>Model</b>	S5
<b>Memory</b>	2048 MB RAM, 512 MB Flash

Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2)
<b>Resolution</b>	4x 2560x1440 (4x Quad HD) to 4x 384x216
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and H.265 Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
<b>Image settings</b>	Saturation, contrast, brightness, sharpness, WDR, white balance, exposure control, rotation: 0°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, polygon privacy mask, compression

Audio	
<b>Audio input</b>	Input through portcast technology A 30 W midspan or higher between the audio and I/O interface and the camera is required.
<b>Audio output</b>	Output through portcast technology A 30 W midspan or higher between the audio and I/O interface and the camera is required.

Network	
<b>IP address</b>	One IP address for all channels
<b>Network protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, 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	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at <a href="http://onvif.org">onvif.org</a>
<b>Event triggers</b>	Detectors, hardware, input signal, storage, system, time, analytics, edge storage events MQTT subscribe
<b>Event actions</b>	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
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter, remote focus, remote zoom
Analytics	
<b>Applications</b>	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm

Cybersecurity	
<b>Edge security</b>	Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection
<b>Network security</b>	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
<b>Documentation</b>	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to <a href="http://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="http://axis.com/cybersecurity">axis.com/cybersecurity</a>

General	
<b>Casing</b>	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.
<b>Mounting</b>	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
<b>Sustainability</b>	PVC free
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 IR illumination on: class 4, typical 16.3 W, max 25.5 W IR illumination off: class 3, typical 10.7 W, max 25.5 W
<b>Connectors</b>	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE Audio: Audio and I/O connectivity via portcast technology
<b>IR illumination</b>	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
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Dual SD cards Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Operating conditions</b>	–30 °C to 50 °C (–22 °F to 122 °F) Humidity 10–100% RH (condensing) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)
<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F)
<b>Approvals</b>	<b>EMC</b> 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 <b>Safety</b> IEC/EN/UL 62368–1, IEC/EN/UL 60950–22, IS 13252, IEC 62471 <b>Environment</b> 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) <b>Network</b> NIST SP500–267
<b>Dimensions</b>	Height: 91.5 mm (3.6 in) ø 255 mm (10.04 in)
<b>Weight</b>	2.0 kg (4.4 lb)
<b>Included accessories</b>	RJ45 mounting tool, screw bit TR20, Installation guide, Windows® decoder 1–user license
<b>Optional accessories</b>	AXIS T94N01D Pendant Kit AXIS T94N01L Recessed Mount

	Axis mounts and cabinets For more accessories, see <a href="http://axis.com">axis.com</a>		
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://axis.com/vms">axis.com/vms</a>	<b>Languages</b>	English, Simplified Chinese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish
		<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>