

AXIS P1290-E Thermal Network Camera

Discreet, budget-friendly thermal detection

AXIS P1290-E is a cost-effective indoor/outdoor thermal camera that ensures reliable detection with a low rate of false alarms. The camera is protected by a fixed dome enclosure, and can be used as a surveillance sensor that doesn't compromise personal integrity. AXIS P1290-E comes with built in analytics, AXIS Guard Suite, and support for AXIS Perimeter Defender and third party analytics.

- > **Reliable and budget-friendly detection**
- > **Thermal technology for low false alarm rate**
- > **Built in analytics**
- > **Functional and discreet fixed dome design**
- > **Outdoor-ready sensor unit**



AXIS P1290-E Thermal Network Camera

Camera		General	
Image sensor	Uncooled Microbolometer 208 x 156 pixels, Pixel size 12 µm, Spectral range: 8-14 µm	Casing	Main unit: Polycarbonate casing Color: White NCS S 1002-B Thermal sensor unit: Plastic Color: White NCS S 1002-B
Lens	Athermalized 4 mm, F1.2 Horizontal field of view: 35.4° Vertical field of view: 28° Near focus distance: 1 m	Memory	512 MB RAM, 256 MB Flash
Sensitivity	NETD < 100 mK	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 max 4.0 W, typical 2.5 W
Camera angle adjustment	Tilt: 120°, Rotation: 90°	Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Video		Storage	Support for microSD/microSDHC/microSDXC cards (not included) Support for SD card encryption Support for 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	Main unit: -20 °C to 50 °C (-4 °F to 122 °F) Humidity 10-85% RH (non-condensing) Thermal sensor unit: -30 °C to 55 °C (-22 °F to 131 °F) Humidity 10-100% RH (condensing)
Resolution	Sensor is 208 x 156. Image can be scaled up to 640 x 480	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Frame rate	Up to 8.3 fps	Approvals	EN 55032 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 23 Class B, IEC/EN/UL 62368-1, EN 50581, EN 50121-4, IEC 62236-4, EAC, KC KN32 Class B, KC KN35 Thermal sensor unit: IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP66/IP67, IEC/EN/UL 60950-22, NEMA 250 Type 4X Network NIST SP500-267
Video streaming	Multiple, individually configurable streams in H.264 (Main, Baseline and High Profiles) and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264	Dimensions	Main unit: 16.5 x 46 x 109 mm (5/8 x 1 13/16 x 4 5/16 in) Thermal sensor unit: Depth: 38 mm (1 1/2 in) Ø 112 mm (4 7/16 in) Cable: 12 m (39 ft)
Image settings	Brightness, sharpness, contrast, automatic gain control, gain, rotation, palette, compression, mirroring, text and image overlay, Axis Corridor Format	Weight	Main unit: 72 g (2.5 oz) Thermal sensor unit with cable: 530 g (19 oz)
Network		Included accessories	Installation Guide, Windows decoder 1-user license, AVHS Authentication key Rotation tool
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	Optional accessories	AXIS T8415 Wireless Installation Tool AXIS Surveillance Cards AXIS T8120 15 W Midspan 1-port AXIS RJ12 Plug AXIS T8129 PoE Extender For more accessories, see axis.com
Supported protocols	IPv4, IPv6, USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
System integration		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org	Export control	The product contains U.S.-origin controlled technology/components. The US Export Administration Regulations (EAR) are always applicable to the product. You should comply at all times with all applicable national and international (re-) export control regulations.
Analytics	Included AXIS Video Motion Detection, AXIS Guard Suite Supported AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap		
Event triggers	Analytics, hardware temperature, edge storage events, time scheduled, video motion detection, live stream accessed		
Event actions	File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering Send SNMP trap		
Data streaming	Event data		
Built-in installation aids	Pixel counter		

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

[axis.com/environmental-responsibility](#)