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**

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Camera

Image sensor	Uncooled Microbolometer 208 x 156 pixels, Pixel size 12 µm, Spectral range: 8–14 µm
Lens	Athermalized 4 mm, F1.2 Horizontal field of view: 35.4° Vertical field of view: 28° Near focus distance: 1 m
Sensitivity	NETD < 100 mK
Camera angle adjustment	Tilt: 120°, Rotation: 90°

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	Sensor is 208 x 156. Image can be scaled up to 640 x 480
Frame rate	Up to 8.3 fps
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
Image settings	Brightness, sharpness, contrast, automatic gain control, gain, rotation, palette, compression, mirroring, text and image overlay, Axis Corridor Format

Network

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
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

System integration

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*
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

General

Casing	**Main unit:** Polycarbonate casing Color: White NCS S 1002-B **Thermal sensor unit:** Plastic Color: White NCS S 1002-B
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 max 4.0 W, typical 2.5 W
Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
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*
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)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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
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)
Weight	**Main unit:** 72 g (2.5 oz) **Thermal sensor unit with cable:** 530 g (19 oz)
Included accessories	Installation Guide, Windows decoder 1-user license, AVHS Authentication key Rotation tool
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*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at *axis.com/vms*
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*
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.

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 (eay@cryptsoft.com).*

Environmental responsibility:

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