AXIS P1290 Thermal Network Camera
Discreet, budget-friendly thermal detection

AXIS P1290 is a cost-effective indoor thermal camera, with a resolution of 208x156 and a field of view of 35 degrees. Thermal technology ensures a reliable detection with low rate of false alarms. The camera, protected in a fixed dome enclosure, can be used as a sensor for surveillance in retail and residential, without compromising peoples' integrity. AXIS P1290 has built-in analytics and support for AXIS Camera Application Platform, which enables the usage of a broad range of third-party applications.

> Reliable and budget-friendly detection
> Thermal technology for low rate of false alarm
> Functional and discreet fixed dome design
> For indoor use
**AXIS P1290 Thermal Network Camera**

**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/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 encryption, IEEE 802.1x network access control, Digest authentication, User access log, Centralized certificate management
- **Supported protocols**: IPv4/v6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, RTF, SMTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

**System integration**
- **Application Programming Interface**: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com
- **AXIS Video Hosting System (AVHS)** with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at www.onvif.org
- **Analytics**
  - Included
  - AXIS Video Motion Detection
  - Supported
  - AXIS Perimeter Defender, AXIS Cross Line Detection
  - Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.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/b/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 card up to 64 GB (card not included)
  - Support for SD card encryption
  - Support for recording to network-attached storage (NAS) for SD card and NAS recommendations, see www.axis.com
- **Operating conditions**: Main unit:
  - -20 °C to 50 °C (-4 °F to 122 ºF)
  - Humidity 10-85% RH (non-condensing)
  - Thermal sensor unit:
    - -30 °C to 55 °C (-22 °C 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
  - Thermal sensor unit:
- **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 microSDXC Card 64GB
  - AXIS T8120 15 W Midspan 1-port
  - AXIS T8129 PoE Extender
  - Network cable coupler indoor slim
  - For more accessories, see www.axis.com
- **Video management software**: AXIS Companion, AXIS Camera Station, video management software from AXIS Application Development Partners available on www.axis.com/techsup/software
- **Warranty**: Axis 3-year warranty and Axis Extended Warranty option, see www.axis.com/warranty
- **Export control**: The product contains U.S.-origin controlled technology/component; 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:
  - www.axis.com/environmental-responsibility

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