AXIS P1245 Network Camera
Complete, highly discreet HDTV 1080p camera

AXIS P1245 is a cost-effective complete modular camera with HDTV 1080p resolution, ideal for discreet indoor surveillance in stores and banks. It can be installed in tight places or flush-mounted in a wall, ceiling, or metal panel with only a small hole visible for the lens, suitable in, for example, ATMs or vending machines. Equipped with WDR – Forensic Capture, enables the camera to handle scenes with strong variations in light. AXIS P1245 comes with a mounting bracket and an 8 meter (26 feet) detachable cable.

> HDTV 1080p resolution
> WDR – Forensic Capture
> 111° horizontal field of view
> Axis Zipstream
> Power over Ethernet
## AXIS P1245 Network Camera

### Camera
- **Image sensor**: 1/2.9" (effective) progressive scan RGB CMOS
- **Lens**: Fixed iris
- **Horizontal field of view**: 111°
- **Vertical field of view**: 61°
- **Minimum illumination**: Color: 0.22 lux
- **Shutter time**: 1/32500 to 2 s

### Video
- **Video compression**: H.264 (MPEG-4 Part 10 AVC) Baseline, Main and High Profiles, Motion JPEG
- **Resolution**: 1080p
- **Frame rate**: 25/30 fps (50/60 Hz)
- **Video streaming**: Multiple, individually configurable streams in H.264 and Motion JPEG
- **Image settings**: Compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, corridor format, WDR - forensic capture, text and image overlay, privacy mask, mirroring of images

### Network
- **Security**: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized certificate management, signed firmware
- **Supported protocols**: IPv4/v6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnPv1/v2m, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, 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 (ACAP)
- **Analytics**: Included
- **Event triggers**: Analytics
- **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, WDR mode
- **Built-in installation aids**: Pixel counter
- **Data streaming**: Event data

### General
- **Casing**: AXIS P12 Mk II Main Unit: Steel and plastic
- **Sensor unit**: Plastic, aluminum

### Sustainability
- **PVC free**

### Memory
- **512 MB RAM, 256 MB Flash**

### Power
- **Power over Ethernet 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 card**
- **Support for SD card encryption**
- **Support for recording to network-attached storage (NAS)**

### Operating conditions
- **Humidity**: 10-85% RH (non-condensing)
- **Temperature**: -20 °C to 50 °C (-4 °F to 122 °F)

### Approvals
- **EMC**: EN 55032 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2,
  - FCC Part 15 Subpart B Class B, VCCI Class B,
  - RCM AS/NZS CISPR 32 Class B, IEC-6033 Class B,
  - KCC KN32 Class B, KN35
- **Safety**: IEC/EN/UL 62368-1
- **Environment**: EN 50581, IEC 60529 IP3X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-78, IEC 60068-2-6, IEC 60068-2-27

### Dimensions
- **AXIS P12 Mk II Main Unit**: 16.5 x 46 x 109 mm (5/8 x 1 13/16 x 4 5/16 in)
- **AXIS F1105 Sensor Unit**: 29 mm (1 2/16 in) ø 20 mm (13 in)

### Weight
- **AXIS P12 Mk II Main Unit**: 72 g (2.5 oz)
- **AXIS F1105 Sensor Unit**: 122 g (4.5 oz)

### Included accessories
- Installation Guide, Windows decoder 1-user license
- 8-m (26 ft) black cable, 2 pcs locking nut, flush mount bracket

### Optional accessories
- **AXIS T8120 15 W Midspan 1-port**
- **AXIS T8129 PoE Extender**
- **AXIS F2212 Trim Ring**
- **AXIS Surveillance Cards**
- **AXIS F3135 Cable White 15 m**
- **Mounting bracket for AXIS P1214/P1214-EP122-4E**
- **AXIS F204 Mounting Band**

### Video management software
- **AXIS Companion, AXIS Camera Station, Video management software from Axis’ Application Development Partners available on axis.com/vms**

### Warranty
- **Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty**

### Environmental responsibility
- axis.com/environmental-responsibility

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