

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](#)



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| Camera | | General | |
| Image sensor | 1/2.9" (effective) progressive scan RGB CMOS | Casing | AXIS P12 Mk II Main Unit: Steel and plastic Sensor unit: Plastic, aluminum |
| Lens | Fixed iris 2.8 mm, F2.0 Horizontal field of view: 111° Vertical field of view: 61° | Sustainability | PVC free |
| Minimum illumination | Color: 0.22 lux | Memory | 512 MB RAM, 256 MB Flash |
| Shutter speed | 1/32500 to 2 s | Power | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 Max 4.0 W, typical 2.5 W |
| Video | | Connectors | Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | Storage | Support for microSD/microSDHC/microSDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com |
| Resolution | 1080p | Operating conditions | -20 °C to 50 °C (-4 °F to 122 °F) Humidity 10-85% RH (non-condensing) |
| Frame rate | 25/30 fps (50/60 Hz) | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing) |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264 | 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, ICES-003 Class B, KCC KN32 Class B, KN35 Safety IEC/EN/UL 62368-1, IS 13252 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 Network NIST SP500-267 |
| 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 | Dimensions | AXIS P12 Mk II Main Unit: 16 x 46 x 109 mm (0.6 x 1.8 x 4.3 in) AXIS FA1105 Sensor Unit: 29 mm (1.1 in) ø 20 mm (0.8 in) Sensor unit cable: 8 m (26 ft) |
| Network | | Weight | AXIS P12 Mk II Main Unit: 72 g (0.16 lb) AXIS FA1105 Sensor Unit: 16 g (0.04 lb) Sensor unit cable: 128 g (0.28 lb) |
| 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 | Included accessories | Installation Guide, Windows [®] decoder 1-user license 8-m (26 ft) black cable, 2 pcs locking nut, flush mount bracket |
| 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, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1 | Optional accessories | AXIS T8120 15 W Midspan 1-port AXIS T8129 PoE Extender AXIS F8212 Trim Ring AXIS Surveillance Cards AXIS F7315 Cable White 15 m Mounting bracket for AXIS P1214/P1214-E/P1224-E AXIS F8204 Mounting Band For more accessories, see axis.com |
| System integration | | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform (ACAP); specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org | Warranty | 5-year warranty, see axis.com/warranty |
| Event triggers | Analytics Edge storage events | 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). | |
| 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 | Environmental responsibility: axis.com/environmental-responsibility | |
| Built-in installation aids | Pixel counter | | |
| Data streaming | Event data | | |
| Analytics | | | |
| Applications | Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Video Motion Detection Supported AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap | | |