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

Image sensor	1/3" (effective) progressive scan RGB CMOS
Lens	Fixed iris 2.8 mm, F2.0 Horizontal field of view: 111° Vertical field of view: 61°
Minimum illumination	Color: 0.22 lux
Shutter time	1/32500 s to 1/25 s with 50 Hz 1/32500 s to 1/30 s with 60 Hz

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 Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
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[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, 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

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform (ACAP); 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, active tampering alarm **Supported** AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Analytics Edge storage events
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) For SD card and NAS recommendations, see www.axis.com
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** 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, ICES-003 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 FA1105 Sensor Unit:** 29 mm (1 2/16 in) ø 20 mm (13/16 in) Sensor unit cable: 8 m (26 ft)
Weight	**AXIS P12 Mk II Main Unit:** 72 g (2.5 oz) **AXIS FA1105 Sensor Unit:** 16 g (0.56 oz) Sensor unit cable: 128 g (4.5 oz)
Included accessories	Installation Guide, Windows decoder 1-user license, AVHS Authentication key 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 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 www.axis.com
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

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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