

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		Sustainability	PVC free
Image sensor	1/2.9" (effective) progressive scan RGB CMOS	Memory	512 MB RAM, 256 MB Flash
Lens	Fixed iris 2.8 mm, F2.0 Horizontal field of view: 111° Vertical field of view: 61°	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 4.0 W, typical 2.5 W
Minimum illumination	Color: 0.22 lux	Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Shutter time	1/32500 to 2 s	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 axis.com
Video		Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Resolution	1080p	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 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
Frame rate	25/30 fps (50/60 Hz)	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)
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	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)
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	Included accessories	Installation Guide, Windows decoder 1-user license 8-m (26 ft) black cable, 2 pcs locking nut, flush mount bracket
Network		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
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized certificate management, signed firmware	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/vms
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty
System integration		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).	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform (ACAP); specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org	Environmental responsibility: axis.com/environmental-responsibility	
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 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		