

AXIS P1224-E Network Camera

Miniature HDTV camera for discreet outdoor surveillance

AXIS P1224-E is a tiny HDTV 720p camera with a wide 145° horizontal field of view, ideal for unobtrusive, overview surveillance in places such as banks, ATMs, stores, architectural buildings and hotels. It comprises two parts: an IP66-rated sensor unit (lens and image sensor), which can be installed indoors/outdoors and in limited spaces, such as in doorways, ceilings, walls and elevators; and a main unit, which can be placed up to 8 m (26 ft.) away in an indoor area. The main unit has a memory card slot and supports H.264, Motion JPEG, video motion detection, tampering alarm, I/O for external devices and Power over Ethernet.

- > [Wide-angle miniature camera](#)
- > [IP66-rated sensor unit](#)
- > [HDTV 720p](#)
- > [Easy and flexible installation](#)
- > [Power over Ethernet](#)



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Camera		Data streaming	Event data
Image sensor	Progressive scan RGB CMOS 1/4"	General	
Lens	Fixed iris, Fixed focus 1.56 mm, F2.8 Horizontal angle of view: 145° Vertical angle of view: 80°	Casing	Main unit: Polycarbonate casing Sensor unit: IP66- and NEMA 4X-rated metal casing (aluminum)
Light sensitivity	1.8-10000 lux	Memory	256 MB RAM, 128 MB Flash
Shutter time	1/24500 s to 1/6 s	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 (max 6.49 W) 8-28 V DC max 4.7 W
Video		Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for the sensor unit Terminal blocks for power, 1 alarm input and 1 output
Video compression	H.264 (MPEG-4 Part 10/AVC), Motion JPEG	Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Resolution	1280x720 to 320x180	Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Main unit: Humidity 10-85% RH (non-condensing) Sensor unit: Humidity 10-100% RH (condensing)
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/CBR H.264	Approvals	EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6 Class 4M4, IEC 60068-2-27 Class 4M3, 60068-2-78 Class 3K3 Sensor unit: IEC/EN/UL 60950-22, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-78 Class 4K3
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Rotation, Text and image overlay, Mirroring of images, Privacy mask, Axis' Corridor Format	Dimensions	ø 20 x 52 mm (13/16 x 2 1/16 in)
Network		Weight	Main unit: 109 g (0.24 lb) Sensor unit: 250 g (0.55 lb)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Included accessories	Mounting kit, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Optional accessories	Mounting brackets, AXIS T8120 Midspan 15 W 1-port, AXIS P7701 Video Decoder, AXIS P8221 Network I/O Audio Module
System integration		Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
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; specification at www.onvif.org	Languages	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
Analytics	Video motion detection, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Event triggers	Analytics, External inputs, Video loss	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: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS and TCP External output activation Video recording to edge storage Pre- and post-alarm video buffering	Environmental responsibility: axis.com/environmental-responsibility	
Built-in installation aids	Pixel counter		