

# 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](#)



# AXIS P1224-E Network Camera

Camera		Data streaming	Event data
<b>Image sensor</b>	Progressive scan RGB CMOS 1/4"	<b>General</b>	
<b>Lens</b>	Fixed iris, Fixed focus 1.56 mm, F2.8 Horizontal angle of view: 145° Vertical angle of view: 80°	<b>Casing</b>	<b>Main unit:</b> Polycarbonate casing <b>Sensor unit:</b> IP66- and NEMA 4X-rated metal casing (aluminum)
<b>Light sensitivity</b>	1.8-10000 lux	<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Shutter time</b>	1/24500 s to 1/6 s	<b>Power</b>	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		<b>Connectors</b>	RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for the sensor unit Terminal blocks for power, 1 alarm input and 1 output
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Motion JPEG	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Resolution</b>	1280x720 to 320x180	<b>Operating conditions</b>	-20 °C to 50 °C (-4 °F to 122 °F) <b>Main unit:</b> Humidity 10-85% RH (non-condensing) <b>Sensor unit:</b> Humidity 10-100% RH (condensing)
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/CBR H.264	<b>Approvals</b>	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 <b>Sensor unit:</b> 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
<b>Image settings</b>	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	<b>Dimensions</b>	ø 20 x 52 mm (13/16 x 2 1/16 in)
Network		<b>Weight</b>	<b>Main unit:</b> 109 g (0.24 lb) <b>Sensor unit:</b> 250 g (0.55 lb)
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Included accessories</b>	Mounting kit, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Optional accessories</b>	Mounting brackets, AXIS T8120 Midspan 15 W 1-port, AXIS P7701 Video Decoder, AXIS P8221 Network I/O Audio Module
System integration		<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection. ONVIF Profile S; specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Languages</b>	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
<b>Analytics</b>	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 <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>Event triggers</b>	Analytics, External inputs, Video loss	a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit ( <a href="http://www.openssl.org/">http://www.openssl.org/</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
<b>Event actions</b>	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	<b>Environmental responsibility:</b>	<a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>
<b>Built-in installation aids</b>	Pixel counter		