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ELECTRONIC GROUP, INC
480-635-8400 p * aegis-g2@aegiselect.com
http://www.aegis-elec.com

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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HDTV NETWORK VIDEO

AXIS P1224-E Network Camera

Camera	
Image sensor	Progressive scan RGB CMOS 1/4"
Lens	Fixed iris, Fixed focus 1.56 mm, F2.8 Horizontal angle of view: 145°
Light sensitivity	1.8-10000 lux
Shutter time	1/24500 s to 1/6 s
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC), Motion JPEG
Resolutions	1280x720 to 320x180
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth, VBR/CBR H.264
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
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™, SNMP v1/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; specifications at *www.axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S; specification at *www.onvif.org*
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*
Event triggers	Analytics, External inputs, Video loss
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
Built-in installation aids	Pixel counter
Data streaming	Event data
General	
Casing	**Main unit:** Polycarbonate casing **Sensor unit:** IP66- and NEMA 4X-rated metal casing (aluminum)
Memory	256 MB RAM, 128 MB Flash
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
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for the sensor unit Terminal blocks for power, 1 alarm input and 1 output
Edge 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*
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)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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
Dimensions	ø 20 x 52 mm (13/16 x 2 1/16 in)
Weight	**Main unit:** 109 g (0.24 lb) **Sensor unit:** 250 g (0.55 lb)
Included accessories	Mounting kit, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
Optional accessories	Mounting brackets, AXIS T8120 Midspan 15 W 1-port, AXIS P7701 Video Decoder, AXIS P8221 Network I/O Audio Module
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/software*
Languages	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see

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