

AXIS P8804 Stereo Sensor Kit

Precision counting with partner software

AXIS P8804 Stereo Sensor Kit provides synchronized stereo imaging from an AXIS F8804 Stereo Sensor Unit and an AXIS F34 Main Unit. When the kit is used with analytics software from an Axis partner, the combined solution can provide greater precision in such analytics functionality as people counting, queue management and heat mapping. The stereo sensor unit is designed to be mounted indoors in ceilings – either recessed in a drop ceiling for a discreet installation, or surface-mounted with the included adapter. It is ideal for use, for example, in stores, banks, stations and airports.

- > [Stereoscopic imaging that enables precision counting with partner analytics software](#)
- > [Option of recessed mount for a discreet installation or surface mount](#)



AXIS P8804 Stereo Sensor Kit

Camera		Sustainability	PVC free
Image sensor	1/4" (effective) progressive scan RGB CMOS	Memory	512 MB RAM, 256 MB Flash
Lens	Fixed iris 2.1 mm, F2.2 Horizontal field of view: 102° Vertical field of view: 56° Distance between sensor units: 100 mm	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 5.3 W, typical 4.2 W
Resolutions	Max 1280x720	Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Wide dynamic range	WDR	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
Minimum illumination	Color: 0.4 lux	Operating conditions	Main unit: 0 °C to 40 °C (32°F to 104 °F) Sensor unit: -20 °C to 50 °C (-4 °F to 122 °F) Humidity 10-85% RH (non-condensing)
Shutter time	1/24500 s to 1/6 s	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Video		Approvals	EMC EN 55032 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 32 Class B, KCC KN32 Class B, KN35 Safety IEC/EN/UL 60950-1 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Dimensions	AXIS F34 Main Unit: 16.5 x 46 x 109 mm (5/8 x 1 13/16 x 4 5/16 in) AXIS F8804 Stereo Sensor Unit, Recess-mounted: 145 x 38 x 9 mm (5 11/16 x 1 1/2 x 3/8 in) AXIS F8804 Stereo Sensor Unit, Flush-mounted: 160 x 52 x 48 mm (6 5/16 x 2 1/16 x 1 7/8 in) Each Sensor Unit Cable: 8 m (26 ft)
Resolutions	1280x720 to 480x270	Weight	AXIS F34 Main Unit: 238 g (0.52 lb) AXIS F8804 Stereo Sensor Unit, Recess-mounted: 74 g (2.6 oz) AXIS F8804 Stereo Sensor Unit, Flush-mounted: 156 g (5.5 oz) Each Sensor Unit Cable: 128 g (4.5 oz)
Frame rate	25/30 fps (50/60 Hz)	Included accessories	Installation Guide
Video streaming	Multiple, individually configurable streams in H.264 (Main, Baseline and High Profiles) and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264 Axis' Zipstream technology in H.264	Optional accessories	AXIS T8120 15 W Midspan 1-port, AXIS T8129 PoE Extender, network cable coupler indoor slim, mains adaptor PS-P terminal connector, AXIS Surveillance Card 64 GB, AXIS Surveillance microSDXC Card 128 GB AXIS F7315 Cable White 15 m
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure value, Exposure control, Exposure zones, Local contrast, Rotation, Corridor Format, WDR – dynamic contrast, Text and image overlay, Privacy mask, Mirroring of images	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Network		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized certificate management	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).	
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	Environmental responsibility: www.axis.com/environmental-responsibility	
System integration			
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform (ACAP); specifications at www.axis.com		
Analytics	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 F34 Main Unit: Plastic AXIS F8804 Stereo Sensor Unit: Plastic		