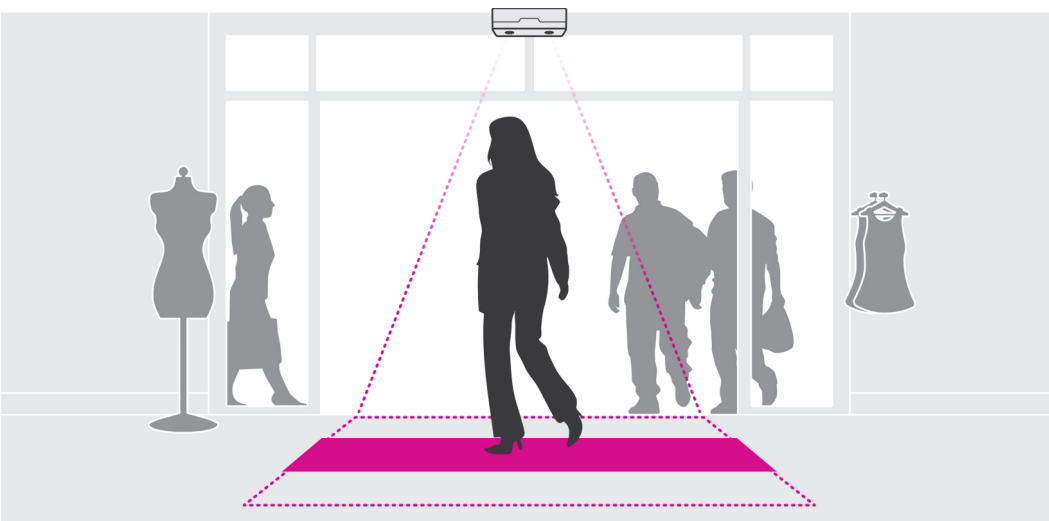# AXIS P8804-2 3D People Counter Kit
Complete 3D people-counting hardware and software

AXIS P8804-2 3D People Counter Kit is a complete and accurate two-way people-counting solution suitable for high-flow traffic and challenging lighting conditions. It is an integrated and ready-to-use combination of a discreet stereo-imaging camera and a reliable analytics application. AXIS P8804-2 is an ideal tool for optimizing marketing or improving resource planning in, for example, retail stores, banks, and stations. AXIS 3D People Counter stores all counting data directly in each camera for easy access through the camera's web interface or in AXIS Store Reporter, which provides a clear graphical data representation.

> **Complete and easy to use**

> **Precise and reliable 3D people counting**

> **Optimal for high-flow traffic and difficult lighting**

> **Option of discreet installation**

AXIS P8804-2 3D People Counter Kit

Camera

Image sensor	1/4" (effective) progressive scan RGB CMOS
Lens	Fixed iris 2.1 mm, F2.2 Horizontal field of view: 102° Vertical field of view: 56° Distance between sensor units: 100 mm
Wide dynamic range	WDR
Minimum illumination	Color: 0.4 lux
Shutter time	1/24500 s to 1/6 s

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	Max 1280x720
Frame rate	30/25 fps (60/50 Hz)
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
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

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™, SNMPv1/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 (ACAP); specifications at www.axis.com
Event triggers	Analytics External inputs 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 External output activation Send SNMP trap, WDR mode
Built-in installation aids	Pixel counter
Data streaming	Event data

Application

Licenses	AXIS 3D People Counter license included
Functionality	Automatic upload to separately sold AXIS Store Data Manager and AXIS Store Reporter. Counting data stored up to 90 days without SD card.

Scenarios

Mounting height	2.4 m to 4 m (7 ft 10 in to 13 ft)

General

Casing	AXIS F34 Main Unit: Plastic AXIS F8804–2 Stereo Sensor Unit: Plastic
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 max 5.3 W, typical 4.2 W
Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor unit
Storage	Two SD/SDHC/SDXC slots, (card not included) Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
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)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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
Dimensions	AXIS F34 Main Unit: 16.5 x 46 x 109 mm (5/8 x 1 13/16 x 4 5/16 in) AXIS F8804–2 Stereo Sensor Unit, Recess-mounted: 145 x 38 x 9 mm (5 11/16 x 1 1/2 x 3/8 in) AXIS F8804–2 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)
Weight	AXIS F34 Main Unit: 238 g (0.52 lb) AXIS F8804–2 Stereo Sensor Unit, Recess-mounted: 74 g (2.6 oz) AXIS F8804–2 Stereo Sensor Unit, Flush-mounted: 156 g (5.5 oz) Each Sensor Unit Cable: 128 g (4.5 oz)
Included accessories	Installation Guide Windows decoder 1-user license, AVHS Authentication key
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
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Languages	English
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

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 (eay@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility

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