

AXIS F8804 Stereo Sensor Unit

Precision counting with partner software

AXIS F8804 Stereo Sensor Unit is made up of two lenses and image sensors that provide synchronized stereo imaging when used with an AXIS F34 or AXIS F44 Dual Audio Input Main Unit. When combined with analytics software from an Axis partner, the total 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 F8804 Stereo Sensor Unit

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
Resolutions	Max 1280x720
Wide dynamic range	WDR
Minimum illumination	Color: 0.4 lux
Shutter time	1/24500 s to 1/6 s
Frame rate	Max 25/30 fps (50/60 Hz)
General	
Casing	Plastic
Sustainability	PVC free
Operating conditions	-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 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	Recess-mounted: 145 x 38 x 9 mm (5 11/16 x 1 1/2 x 3/8 in) 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	Recess-mounted: 74 g (2.6 oz) Flush-mounted: 156 g (5.5 oz) Each Sensor Unit Cable: 128 g (4.5 oz)
Required hardware	AXIS F34 Main Unit or AXIS F44 Dual Audio Input Main Unit
Included accessories	Installation Guide
Optional accessories	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
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
	Environmental responsibility: www.axis.com/environmental-responsibility