AXIS FA4090-E Thermal Sensor Unit
Outdoor-ready thermal sensor unit

AXIS FA4090-E Thermal Sensor Unit is a dome-shaped outdoor-ready thermal sensor unit. The flexible and highly discreet design allows for versatile installation: behind surfaces for discreet surveillance, on walls, or recessed. AXIS FA4090-E can be used as a surveillance sensor that doesn't compromise personal integrity. For use with AXIS FA54 Main Unit, it supports AXIS Camera Application Platform, which enables the use of analytics such as AXIS Guard Suite. It provides reliable solution for detection with a low rate of false alarms.

> **Reliable and budget-friendly detection**

> **Thermal technology for low false alarm rate**

> **Functional and highly discreet design**

> **Outdoor-ready sensor unit**

> **For use with AXIS FA54 Main Unit**

AXIS FA4090-E Thermal Sensor Unit

Camera

Image sensor	Uncooled Microbolometer 208 x 156 pixels, Pixel size 12 µm, Spectral range: 8-14 µm
Lens	Athermalized, 4 mm, F1.2 Horizontal field of view: 35.4° Vertical field of view: 28° Near focus distance: 1m
Sensitivity	NETD <100 mK
Frame rate	8.3 fps

General

Casing	Aluminum IP66 and IP67–rated
Connectors	RJ12 for connection to AXIS FA54 Main Unit
Operating conditions	–30°C to 55 °C (–22°F to 131 °F) Maximum temperature (intermittent): 60 °C (140 °F) Start-up temperature: -30 °C Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, ICES-003 Class A, **Safety** IEC/EN/UL 62368-1 **Environment (Thermal unit)**

	IEC 60068-2-1, IEC 60068-2-2, IEC 60068–2–6, IEC 60068-2-14, IEC 60068–2–27, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP66/IP67, IEC/EN/UL 60950-22, NEMA 250 Type 4X
Dimensions	62 mm (2 7/16 in) ø 30 mm (1 3/16 in) Cable length: 12 m (39 ft)
Weight	Sensor with cable 370 g (0.8 lb)
Required hardware	AXIS FA54 Main Unit
Included accessories	AXIS F8201 Vari-angle Mounting Bracket
Optional accessories	AXIS F8203 Fixed Mount Bracket AXIS F8204 Mounting band AXIS F8205 Bullet Accessory AXIS F8212 Trim Ring For more accessories, see *axis.com*
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*
Export control	The product contains U.S.-origin controlled technology/component, the US Export Administration Regulations (EAR) are always applicable to the product. You should comply at all times with all applicable national and international (re-) export control regulations.

Environmental responsibility:

axis.com/environmental-responsibility

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