



Optical Heat Sensor Sounder

Addressable – Devices

Part No. SEN-770-S

www.illuminoignis.co.uk

Product Details

The SenTRI Addressable Optical Heat Sensor with Sounder delivers intelligent, multi-criteria fire detection by combining both optical smoke and heat sensing in one advanced unit. Ideal for a wide range of environments, it provides faster, more accurate detection of fire conditions while minimising nuisance alarms. The integrated sounder ensures clear, localised audio alerts, removing the need for separate sounder units and helping to preserve the aesthetics of the protected area.

Every SenTRI device includes a built-in isolator, improving system reliability and reducing the need for extra components. A monitored input/output line allows flexible configuration as either a fire input or output, potentially eliminating the need for separate interfaces. Designed for convenience and efficiency, the sensor uses the standard first-fix base shared across the entire SenTRI range, cutting installation time and cost. This powerful combination of precise detection, built-in alerting and installation efficiency makes it a smart solution for sophisticated fire protection systems.



Key Features

- Combined sensor and sounder
- Individually addressable
- P3 levels of alarm
- LPCB Approved

Technical Specifications

Operating voltage	35V – 41V
Storage temperature	-20C to +70C
Relative humidity	95% non condensing (+5°C to +45°C)
Operating Temperature	-10 °C to +50 °C
Relevant Standards	EN54 Parts 3 & 5
Sound Output at 1m	Typically 90 dB(A)
Weight	0.11 Kg
Dimensions (W x H)	117 x 49.6mm
IP rating	IP30 IP20 when mounted on a metal back box
Enclosure	ABS
Approval	LPCB approved