

## S-Quad Sensor and Sensor Sounder

A truly intelligent analogue sensor combining local processing in the sensor and the panel to achieve an immediate response to real fires whilst minimising the risk of false alarms.



### Description

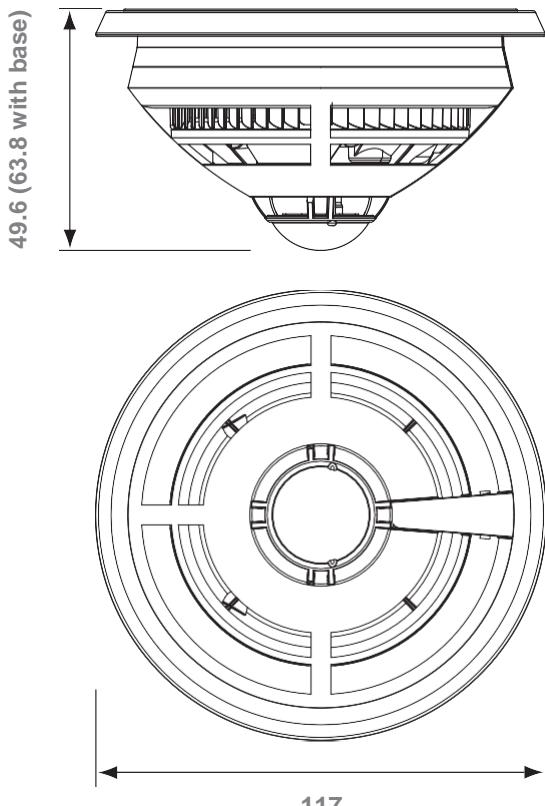
A comprehensive range combining sensor sounder and voice in one multifunctional device.

## KEY FEATURES

- Complete range of sensors with combinations of advanced sensing technologies including heat, dual angle optical scatter and carbon monoxide (CO)
- Combined sensing of carbon monoxide with dual angle optical scatter and heat allows a higher level of false alarm immunity in presence of steam and while still maintaining the integrity of detecting fires
- Each sensor has certified sensitivity settings that suit certain environments/applications and may be programmed for different times of the day if required
- Short circuit Isolator in each device
- Configurable input/output connection for remote indicator or supervisory input fully synchronised sound patterns via the control panel
- Sensor sounders have adjustable sound level and tones to match system sounders
- Sounder element monitoring and over-load protection to ensure operation even in event of cable fault
- Sound output synchronised and compatible with S-Quad range of EN54-23 VADs

# S-Quad Sensor and Sensor Sounder Technical Specifications

## Dimensions (mm)



| SPECIFICATION         |                   |                   |  |
|-----------------------|-------------------|-------------------|--|
| OPERATING TEMPERATURE |                   |                   | -10 to +50 °C                                  |
| WEIGHT                |                   |                   | 0.11kg ( 0.17kg inc Base)                      |
| DEVICE / LOOP LOADING |                   |                   | 200 devices per Loop (assumes 800mA Loop Card) |
| COLOUR                | White<br>RAL 9010 | Black<br>RAL 9005 |  |

| APPROVALS         | SENSOR ONLY            |                                  | SENSOR SOUNDER |
|-------------------|------------------------|----------------------------------|----------------|
|                   | SENSOR TECHNOLOGY      |                                  |                |
| SENSOR TECHNOLOGY | Heat                   | EN54-5                           | EN54-3         |
|                   | Optical                | EN54-7                           | N/A            |
|                   | Optical Heat           | EN54-5, EN54-7, EN54-17, EN54-18 | EN54-3         |
|                   | Dual Optical Heat      | EN54-5, EN54-7, EN54-17, EN54-18 | EN54-3         |
|                   | Dual Optical Heat & CO | EN54-5, EN54-7, EN54-17, EN54-18 | EN54-3         |

| PART CODES S-QUAD SENSORS AND SENSOR SOUNDERS |            |  |
|---|------------|--|
| SENSOR BASES                                  | S4-700     | Sensor Base - (White)                                |
|   | S4BK-700   | Sensor Base - (Black)                                |
| SENSORS                                       | S4-720     | Heat Sensor (White)                                  |
|   | S4-715     | Optical Sensor (White)                               |
|   | S4-710     | Optical Heat Sensor (White)                          |
|   | S4-711     | Dual Optical Heat Sensor (White)                     |
|   | S4BK-711   | Dual Optical Heat Sensor (Black)                     |
|   | S4-901     | Dual Optical Heat and Carbon Monoxide Sensor (White) |
| SENSOR SOUNDERS                               | S4-780-S   | Heat Sensor Sounder Sounder                          |
|   | S4-770-S   | Optical Heat Sensor Sounder (White)                  |
|   | S4-771-S   | Dual Optical Heat Sensor Sounder (White)             |
|   | S4-711-V   | Dual Optical Heat Voice Sensor Sounder (White)       |
|   | S4BK-711-V | Dual Optical Heat Voice Sensor Sounder (Black)       |

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For more information  
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