

Fire detection and evacuation solutions that save lives.

# Orbis – MultiSensor Detector

## Features

- Responds well to fast-burning, flaming fires
- Transient rejection algorithms reduce false alarms
- Auto Automatic drift compensation with DirtAlert, a yellow flashing LED, to easily identify dirty detectors
- Red flashing LED at StartUp confirms the device is operating. SensAlert, yellow flashing LED, indicates faulty operation
- FasTest takes just four seconds to test and confirm detectors are functioning correctly
- DustDefy system prevents dust ingress while maintaining airflow



MultiSensor Detector

## Description

The Orbis MultiSensor Detector benefits from the same false alarm reduction technology as the optical detector, enhanced by the addition of a thermal sensing element.

MultiSensor smoke detectors are recognised as good detectors for general use but are additionally more sensitive to fast burning, flaming fires (including liquid fires) than optical detectors.

They can be readily used instead of optical smoke detectors but should be used as the detector of choice for areas where the fire risk is likely to include heat at an early stage in the development of the fire. This increased reliability of detection is combined with high immunity to false alarms.

The MultiSensor smoke detector is a thermally enhanced smoke detector and as such will not give an alarm from heat alone. The optical sensor is identical to the one in the Orbis optical detector. Its sensitivity is, however, influenced by a heat sensing element which makes the detector more responsive to fast-burning, flaming fires.

## Specifications

Operating Voltage	8.5 to 33 VDC
Quiescent current	65µA at 24 VDC
Alarm current	40mA at 24 VDC
Remote output	1.2kΩ to -ve supply
Dimensions	100mm Dia x 57mm H inc base
Operating temperature	-40°C to +70°C (no icing)
Relative humidity	0 to 98% (non condensing)
IP rating	IP23D (indoor use)
Weight	80 grams (140g inc base)

For further information refer Product Guide, MAN1507.

## Item Numbers

	LPCB (CEA 4021)	SAI Global (AS7240-15)	Activfire (AS7240-7)
Orbis MultiSensor	ORB-OH-13001-AMP	4106-1052	201-0514
Orbis MultiSensor with Flashing LED	ORB-OH-13003-AMP	4106-1060	

