



Wireless Solutions for Fire & Security

FirePoint Dual Sensor Features

- Analogue/addressable
- Proprietary sensor
- Universal transmitter module
- Up to 5 years battery life
- Detector / transmitter tamper
- Ziton Sensor alarm management (Verification) using dual technology
- Range in excess of 250 metres



Overview

The dual technology analogue addressable (combined) optical / heat detector is bayonet fitted to a radio address / transmitter module incorporating an integral energy source of up to 5 years. It is supplied with a surface-mount base unit. Removal of the detector or address / transmitter module will indicate a fault condition.

The heat detector section of the head operates on a highly sensitive thermistor, which measures actual temperature and the rate of temperature rise change. At regular intervals, the detector carries out a self- test that checks and verifies every function.

The optical detector section of the head operates on an advanced light scattering principle, using a wide-angle light beam together with an extra high sensitivity photodiode receiver. The internal polling system checks for smoke particles every 5 seconds, initial detection of smoke traces accelerates polling to every 2 seconds. The alarm is then verified twice to ensure freedom from false alarms.

When used in its dual technology verification mode, both heat and optical smoke detection properties have to be activated again with 4 sensitivity levels, before sending the alarm status to the controller.

Specification

Dimensions:	106 x 75 mm
Weight:	119g
Operating Temperature:	-10 to 55 °C
Humidity:	Up to 95% non-condensing
Supply:	Up to 5 years integral energy source
Operating Frequencies:	VHF - 173.2 MHz -173.5 MHz (transmitter)
Channel Spacing:	25 kHz
Output Transmitter Power:	1 mW ERP
Outputs:	Detector alarm Detector fault Detector pre-alarm Battery condition Call in signal
Standards:	Designed to comply with relevant parts of BS5839 and EN54

Ordering Information

Dual Sensor complete: Part Number **53 - 5150**



EMS Group Head Office
Technology House
Sea Street
Herne Bay
Kent CT6 8JZ
England
Tel: +44 (0) 1227 369570
Fax: +44 (0) 1227 369679
Email: enquiries@msgroup.co.uk

www.msgroup.co.uk

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Dealer Information:

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