

# WIRELESS FIRE DETECTION



## Introducing *Fusion Lite*

The Award winning FireCell Fusion range of wireless fire detection has been expanded with the introduction of Fusion *Lite*, a highly sophisticated yet cost effective solution for applications where fewer devices are required.

### FCX-750-001 Fusion Lite Package

The Package: Fusion *Lite* consists of a surface mounted fire panel with 1 loop and 16 zones (FC-LA80161 M2) (*does not include panel batteries*), plus one Fusion Radio Loop Module (FCX-532-001), which sits on the XP95 wired loop. Also supplied are four wireless detector bases and a choice of four detectors in any combination from the list below:

**FCX-175-001**  
Heat Detector Sensor (Class A1R)

**FCX-176-001**  
Heat Detector Sensor (Class CS)

**FCX-177-001**  
Optical Smoke Detector Sensor

Fusion *Lite* forms the basic starting block for a fire detection system with up to 121 devices that can be wired or wireless, ideal for smaller applications.

Expansion Possibilities: Fusion *Lite* can be expanded by adding further wired or wireless devices; detectors, manual call points and sounders and/or beacons.

Up to 31 wireless EMS devices can be connected to the Fusion Radio Loop Module (RLM) and up to four further Fusion RLMs can be added to this system, making the wireless capability of the system up to 121 wireless devices.

## Fusion *Lite*

- ✓ **EN54-25, 3rd party certified**
- ✓ **Up to 31 wireless devices per RLM**
- ✓ **Up to 5 RLMs per loop**
- ✓ **Full range of wireless field devices**
- ✓ **Diversity technology for increased wireless coverage**
- ✓ **Underpinned by EMS technology**
- ✓ **Fully addressable**
- ✓ **Fully configurable**
- ✓ **5 year warranty**



# Fusion<sup>Life</sup>

is flexible enough for almost any application, where a fire detection system is required. The package combines fire panel, Fusion RLM, four wireless detector bases and your choice of four detectors. Additional devices including call points, sounders, beacons and detectors can then be added, depending on the requirements of the building in question and the risk assessment.

## Wireless Optical Smoke Detector



Optical smoke detectors provide the highest level of protection and can be installed in most general areas such as offices, escape routes and stairwells.

## Wireless Heat Detector (available as Class A1R or Class CS)



Heat detectors are used for applications where optical smoke detectors are unsuitable, such as in smoky or dirty environments.

Rate-of-rise detectors (Class A1R), are designed to monitor for a rapid increase in temperature and also have a fixed upper limit. They are most suitable in environments with a settled ambient temperature.

Static heat detectors (Class CS), responds only when the fixed pre-defined temperature has been exceeded. They are most commonly used in environments with high and often fluctuating temperatures, such as laundry or boiler rooms.

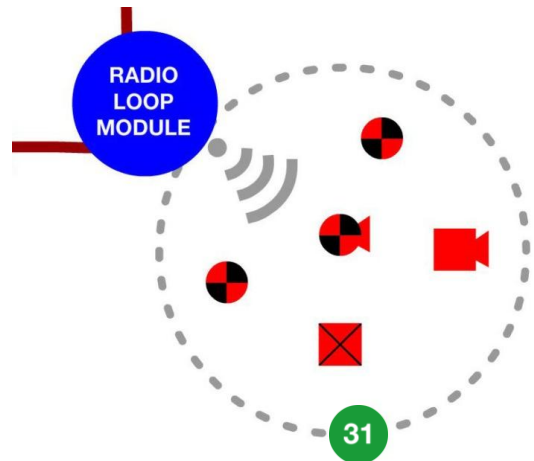
## Additional Products:

### Wireless Combined Sounder Detectors

**FCX-191-000** Wireless Combined Sounder Detector Base

**FCX-191-200** Wireless Combined Sounder with Visual Indicator and Detector Base

*(Parts above for use with Optical, A1R & CS detectors)*



### Wireless Call Points & Input Output Units

**FC-200-002** Wireless Call Point

**FC-610-001** Wireless Dual Input Output Unit

### Wireless Audio Visual Devices

**FC-171-002** Red Wireless Sounder Base  
*(for use with parts listed below)*

**FC-172-002** Red Sounder

**FC-315-WA2** Red Wall Sounder Beacon

**FC-315-CA2** Red Ceiling Sounder Beacon

Further products are available upon request. Please contact EMS today for latest prices and availability.

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