# SmartCell
## *Wireless zone monitor*

# Product Showcase



# EMS
## Wireless Fire Systems

# Contents

# What is SmartCell WZM?

SmartCell Wireless Zone Monitor (WZM) provides universal connections to new and existing fire alarm control panels, and facilitates up to 16 third party EU certified SmartCell wireless fire devices. With maximum flexibility in mind, the SmartCell WZM connects to both conventional and addressable fire alarm systems. Wireless communication between the WZM and the wireless devices is fast, robust and bidirectional, ultilising the European harmonised 868 MHz frequency band.
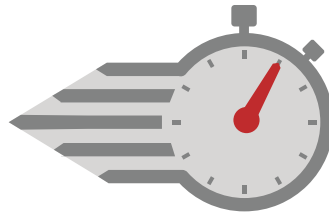
The SmartCell WZM is the quick, easy and universal method of fire system extension.

SmartCell, the future of fire detection available now.

# Typical applications
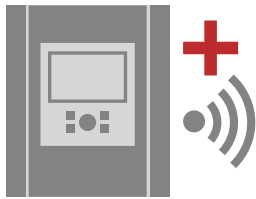
*EXTENDING COVERAGE ON*
**EXISITING SYSTEMS**

*METHOD OF ACHIEVING*
**RAPID INSTALLATIONS**

*PROVIDING COVERAGE IN*
**REMOTE BUILDINGS**
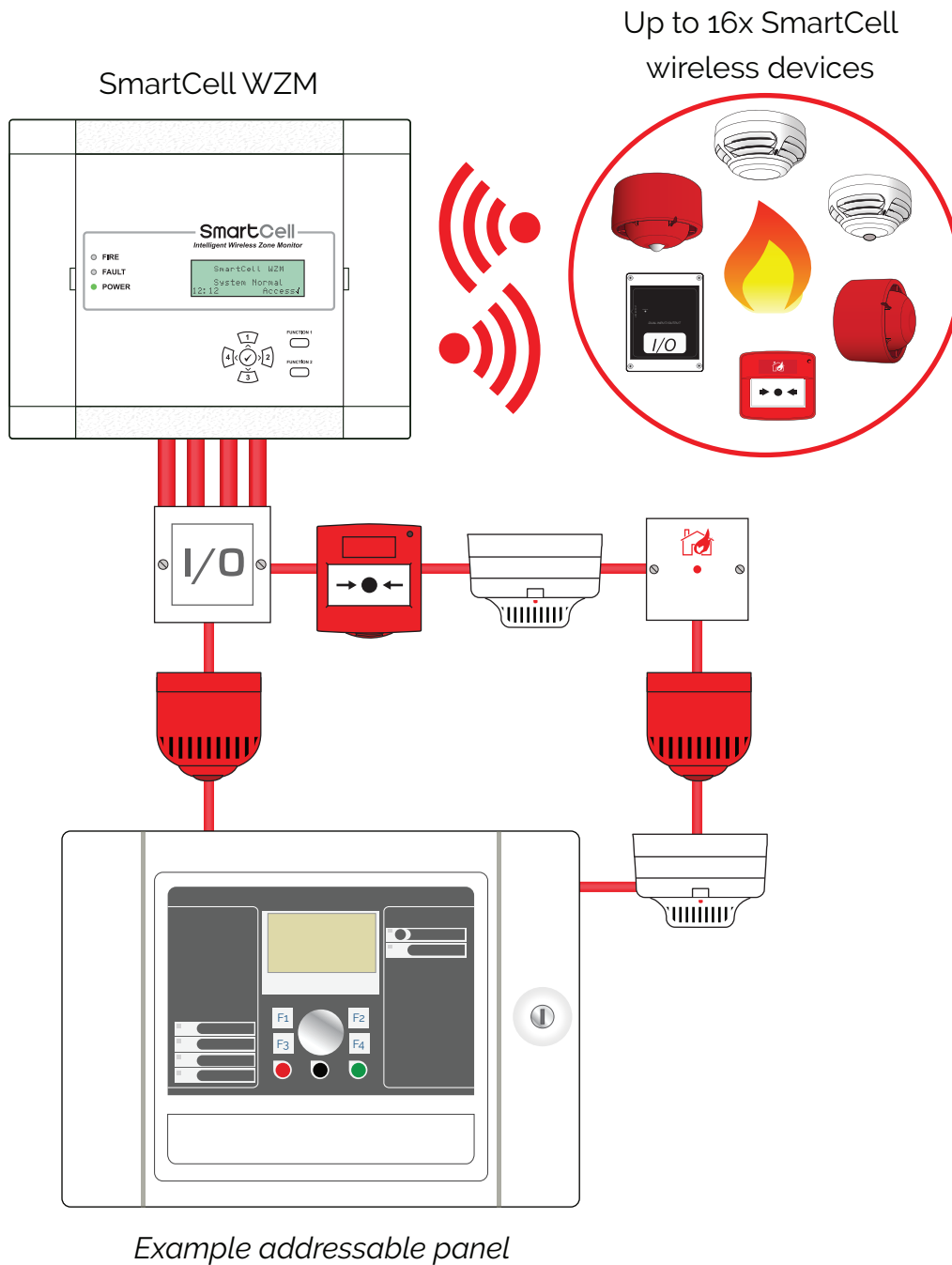
*TROUBLEFREE ALTERNATIVE TO*
**POWER HUNGRY DEVICES**

*ADDING DETECTION IN*
**AREAS WITH ASBESTOS**

*GREAT WAY OF PROTECTING*
**HARD TO ACCESS AREAS**

# Addressable system connection*

SmartCell WZM

Up to 16x SmartCell wireless devices



*Example addressable panel*

* The addressable system connection example illustrates a typical connection to the system via a 3rd party hardwired input/output device. Connection to an addressable system can be made either via the hardwired inputs and outputs of the hardwired addressable input/output device, or directly to the hardwired inputs and outputs of the panel.
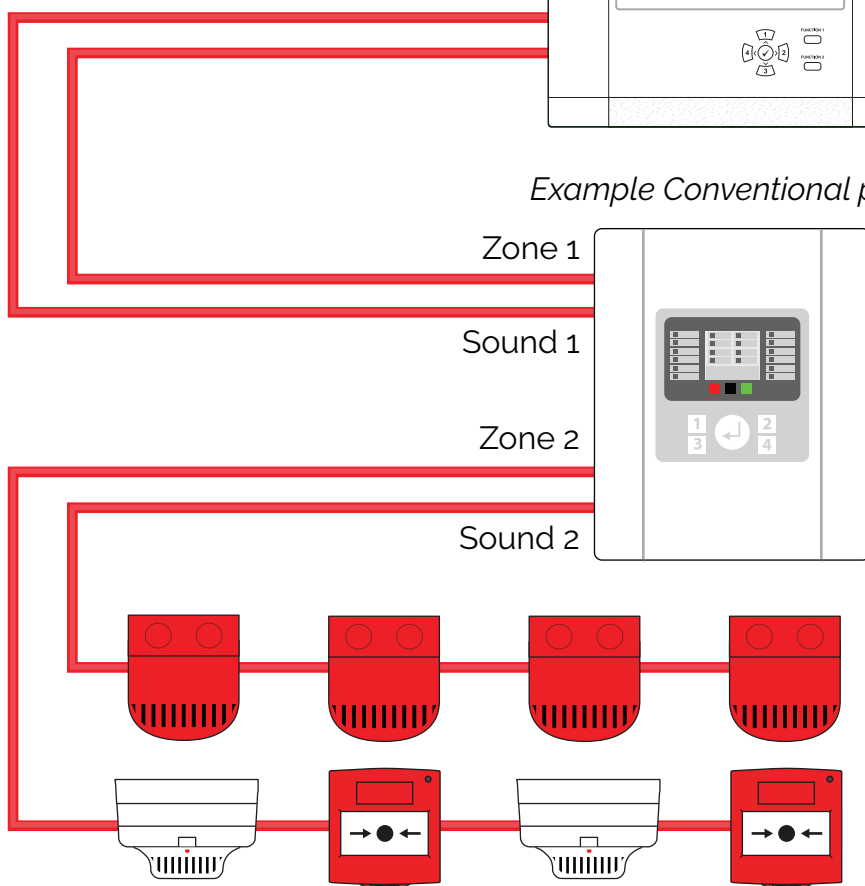
# Conventional system connection

Up to 16x SmartCell
wireless devices

SmartCell WZM

FIRE
FAULT
POWER

SmartCell WZM
System Normal
12:12        Access
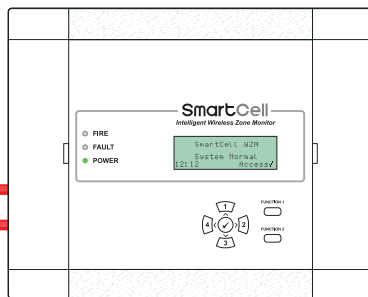
*Example Conventional panel*

Zone 1

Sound 1

Zone 2

Sound 2

# WZM benefits

**FAST**
*INSTALLATION*

**TRUSTED**
*TECHNOLOGY*

**INTUITIVE**
*INTERFACE*

**SECURE**
*WIRELESS*

**MINIMUM**
*DISRUPTION*

**FLEXIBLE**
*CONFIGURATION*

**COST**
*SAVING*

**EN54-25**
*CERTIFIED*

# Wireless devices packed with features*

Tamper detection

Optional device locking

3.6 V lithium batteries

EN54-13 integration

EN54-25 wireless

EN54-7 smoke

EN54-3 sounder

EN54-23 VAD

EN54-5 heat
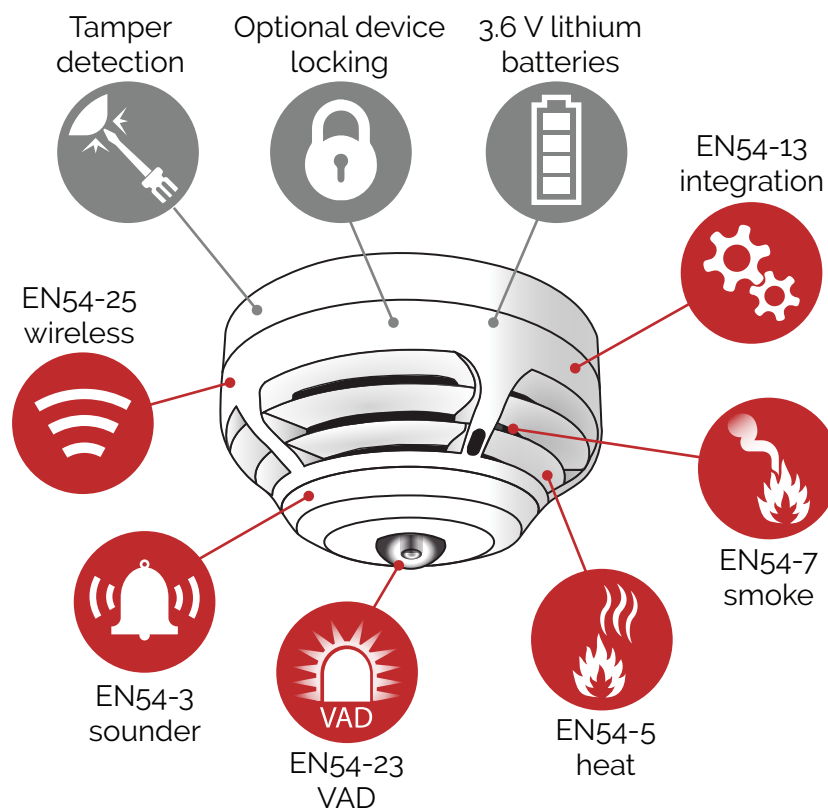
*\* Example shown SC-23-0220-0001-WZ*

# WZMs

**INTELLIGENT WIRELESS ZONE MONITOR (230 VAC VERSION)**

- Wireless device communication
- Quick and easy to install
- 80 character display
- PSU and standby battery included

**INTELLIGENT WIRELESS ZONE MONITOR (24 VDC VERSION)**

- Wireless device communication
- Quick and easy to install
- 80 character display
- Requires 24 VDC power

# Detection

## SC-21-0200-0001-WZ

**WIRELESS DUAL SMOKE / HEAT DETECTOR**

- Flexible detection; smoke and/or heat
- 3x 3.6 V Lithium batteries included

## SC-22-0200-0001-WZ

**WIRELESS DUAL SMOKE / HEAT DETECTOR AND COMBINED SOUNDER**

- Flexible detection; smoke and/or heat
- 32 sounder tones
- 3x 3.6 V Lithium batteries included

## SC-23-0210-0001-WZ

**WIRELESS DUAL SMOKE / HEAT DETECTOR AND COMBINED SOUNDER BEACON (VAD RED FLASH)**

- Flexible detection; smoke and/or heat
- 32 sounder tones
- Part 23 beacon (category C-3-9.5)
- 3x 3.6 V Lithium batteries included

RED FLASH

## SC-23-0220-0001-WZ

**WIRELESS DUAL SMOKE / HEAT DETECTOR AND COMBINED SOUNDER BEACON (VAD WHITE FLASH)**

- Flexible detection; smoke and/or heat
- 32 sounder tones
- Part 23 beacon (category C-3-12)
- 3x 3.6 V Lithium batteries included

WHITE FLASH

# Sounders

## SC-31-0100-0001-WZ



**WIRELESS RED SOUNDER**

- 32 sounder tones
- 3x 3.6 V Lithium batteries included

## SC-31-0200-0001-WZ



**WIRELESS WHITE SOUNDER**

- 32 sounder tones
- 3x 3.6 V Lithium batteries included

# Ceiling beacons

## SC-33-0110-0001-WZ

**RED SOUNDER AND CEILING BEACON (VAD RED FLASH)**

- 32 sounder tones
- Part 23 beacon (category C-3-9.5)
- 3x 3.6 V Lithium batteries included

## SC-33-0120-0001-WZ

**RED SOUNDER AND CEILING BEACON (VAD WHITE FLASH)**

- 32 sounder tones
- Part 23 beacon (category C-3-12)
- 3x 3.6 V Lithium batteries included

## SC-33-0210-0001-WZ

**WHITE SOUNDER AND CEILING BEACON (VAD RED FLASH)**

- 32 sounder tones
- Part 23 beacon (category C-3-9.5)
- 3x 3.6 V Lithium batteries included

## SC-33-0220-0001-WZ

**WHITE SOUNDER AND CEILING BEACON (VAD WHITE FLASH)**

- 32 sounder tones
- Includes part 23 beacon (category C-3-12)
- 3x 3.6 V Lithium batteries included

# Wall beacons

## SC-32-0110-0001-WZ

**RED SOUNDER AND WALL BEACON (VAD RED FLASH)**

- 32 sounder tones
- Part 23 beacon (category W-3-5.11)
- 3x 3.6 V Lithium batteries included

## SC-32-0120-0001-WZ

**RED SOUNDER AND WALL BEACON (VAD WHITE FLASH)**

- 32 sounder tones
- Part 23 beacon (category W-2.4-6)
- 3x 3.6 V Lithium batteries included

## SC-32-0210-0001-WZ

**WHITE SOUNDER AND WALL BEACON (VAD RED FLASH)**

- 32 sounder tones
- Part 23 beacon (category W-3-5.11)
- 3x 3.6 V Lithium batteries included

## SC-32-0220-0001-WZ

**WHITE SOUNDER AND WALL BEACON (VAD WHITE FLASH)**

- 32 sounder tones
- Part 23 beacon (category W-2.4-6)
- 3x 3.6 V Lithium batteries included

# Call point

**WIRELESS FIRE MANUAL CALL POINT**

- Protective cover
- 2x breakable tags
- 3x 3.6 V Lithium batteries included

# I/O unit

**DUAL INPUT DUAL OUTPUT UNIT**

- Full wireless communication with WZM
- 2x resistor monitored inputs
- 2x outputs rated 1 A at 30 VDC
- 3x 3.6 V Lithium batteries included

# Door controllers

## SC-44-0200-0001-WZ



**SMARTDOOR (WHITE)**

- 100% wireless and controlled by the WZM
- Fully addressable
- 2x C 1.5 V Alkaline batteries included

## SC-44-0300-0001-WZ



**SMARTDOOR (BLACK)**

- 100% wireless and controlled by the WZM
- Fully addressable
- 2x C 1.5 V Alkaline batteries included

# Carriage

**STANDARD NEXT DAY DELIVERY**

## COURIER-BY-12.00



**BY 12.00 NEXT DAY DELIVERY**

## COURIER-BY-10.30



**BY 10.30 NEXT DAY DELIVERY**

## COURIER-SATURDAY-BY-12.00



**SATURDAY DELIVERY BY 12.00**

**SATURDAY DELIVERY BY 10.30**

# EMS

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## SCAN ME