



Wireless Fire Systems

# SmartCell

## Global Product Showcase



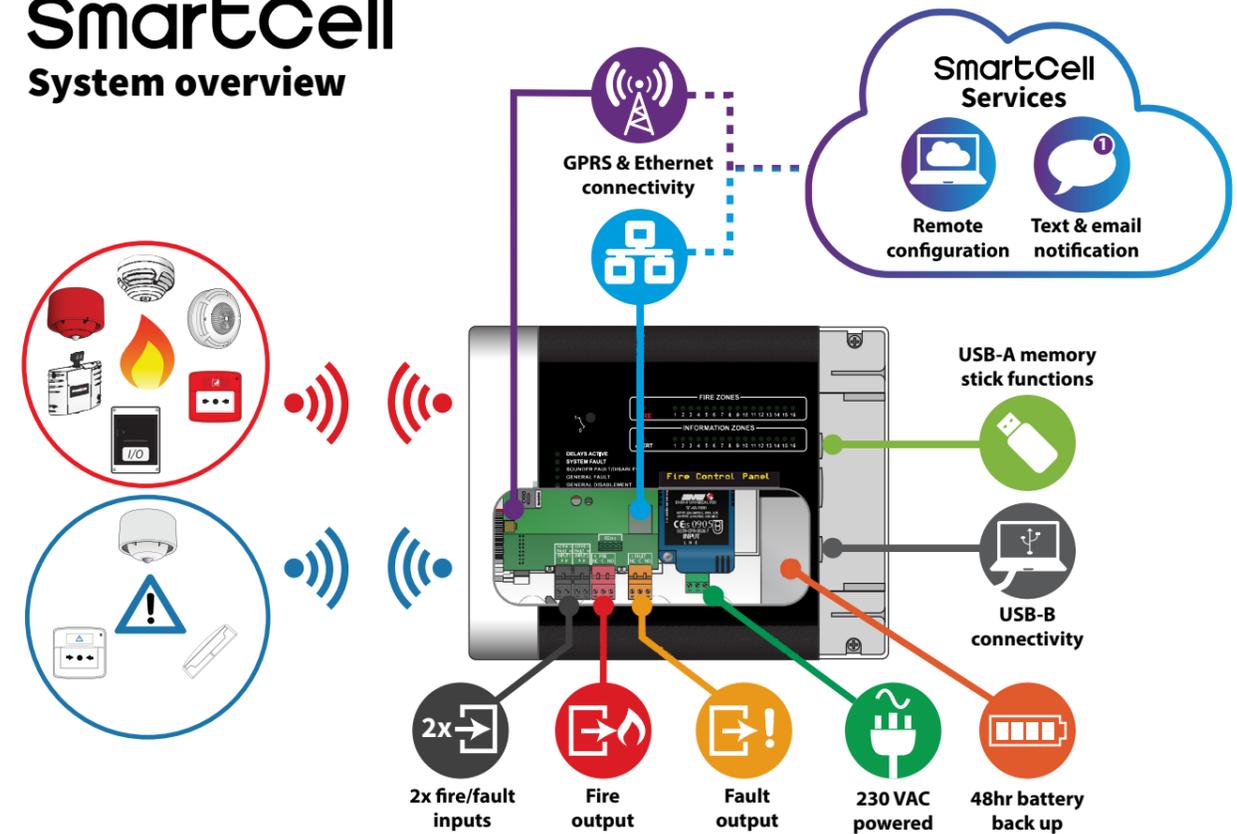
Issue 4 - Effective from November 2023

# CONTENTS

- 3 | Smartcell system overview
- 5 | Control panels
- 16 | Wireless zone monitors (WZMs)
- 17 | Detection
- 19 | Remote Indicators
- 20 | Audio visual
- 24 | Fire call points
- 26 | Fire I/O units
- 27 | Door controllers
- 28 | Information devices
- 29 | Survey / demo kit
- 30 | Batteries
- 31 | Smartcell services
- 32 | Additional information



## SmartCell System overview



SmartCell has been designed as a complete wireless fire detection system to protect people and property. The system incorporates separate information zones which allow input devices to be configured in multiple configurations, providing maximum flexibility to the user and designer. In the event of an alarm, the system detects the alarm condition, raises the alarm, and also indicates the location of the fire via zone text and indication along with an individual device text description.

The system also supports remote connectivity for alarm routing and remote services. The system can:

- Activate other building systems
- Raise alarms locally via sounders
- Raise alarms remotely via integrated or external communication modules
- Call the fire and rescue service
- Raise information alert events from wireless input devices

The Wireless Control Panel is the main component part of the wireless fire protection system. Various devices can connect to the system, these include:

- Manual Call Points
- Sounders, with or without Beacons
- Dual Smoke and Heat Detectors with or without Combined Sounders and Beacons
- Dual Input/Output Devices

A SmartCell system can support up to 64 wireless devices with a maximum of 32 wireless fire detection devices.

Also 230 VAC and 24 VDC powered wireless control panels are also available.

Communication between Devices and the Control Panel is bidirectional and operates in the European harmonised 868 MHz frequency band.

The Control Panel allows full Cause and Effect programming with two on-board relay outputs available. A communications module may also be fitted allowing remote configuration, plus text and email notifications. Alternatively information can be passed directly to an Alarm Receiving Centre (ARC). Additional equipment may be required.

All SmartCell wireless devices, including sounders are battery powered and do not need to be included in the loop loading calculations.



Information devices can also be added to the system. When triggered, information devices generate information alerts at the SmartCell Control Panel.

Upon an information alert event, details will be displayed on the Control Panel's OLED display and the Control Panel's buzzer will sound. The SmartCell control panel can also trigger SmartCell wireless information sounders and/or notify the user via text or email notification.

Typical applications include the monitoring of doors (opening/closing), a loss of power to your fridge, flood detection and an alarm condition on your intruder system.

With significant time saving against conventional and addressable fire system installations, no cables, no mess and no inconvenience to everyday business, SmartCell is perfect for all small to medium sized businesses.

**SmartCell saves you time and money.**



# Control panels (English)

**SC-11-1201-0001-99**



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION)

- English 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

**SC-11-2201-0001-99**



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION)

- English 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Dutch)

SC-11-1201-0001-01



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) DUTCH (NL)

- Dutch 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (German)

SC-11-1201-0001-04



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) GERMAN

- German 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-01



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) DUTCH (NL)

- Dutch 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-04



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) GERMAN

- German 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Swedish)

SC-11-1201-0001-06



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) SWEDISH

- Swedish 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Danish)

SC-11-1201-0001-07



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) DANISH

- Danish 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-06



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) SWEDISH

- Swedish 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-07



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) DANISH

- Danish 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Spanish)

SC-11-1201-0001-09



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) SPANISH

- Spanish 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Italian)

SC-11-1201-0001-10



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) ITALIAN

- Italian 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-09



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) SPANISH

- Spanish 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-10



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) ITALIAN

- Italian 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Polish)

SC-11-1201-0001-18



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) POLISH

- Polish 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

# Control panels (Portuguese)

SC-11-1201-0001-21



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) PORTUGUESE

- Portuguese 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-18



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) POLISH

- Polish 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

SC-11-2201-0001-21



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) PORTUGUESE

- Portuguese 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Finnish)

SC-11-1201-0001-28



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) FINNISH

- Finnish 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-28



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) FINNISH

- Finnish 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Control panels (Belgian-French)

SC-11-1201-0001-32



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (230VAC VERSION) FRENCH (BELGIUM)

- Belgian-French 230 VAC version
- Includes Control Key Switch
- Includes PSU and standby battery
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

SC-11-2201-0001-32



## WIRELESS CONTROL PANEL (NO COMMS MODULE) (24VDC VERSION) FRENCH (BELGIUM)

- Belgian-French 24 VDC version
- Includes Control Key Switch
- Requires 24 VDC power
- Accommodates internal comms card for communication (SC-61-0001-0001-99) - sold separately

[Click for more information >](#)

# Wireless zone monitors (WZMs)

SC-13-1100-0001-99



## INTELLIGENT WIRELESS ZONE MONITOR (230 VAC VERSION)

- Includes PSU and standby battery
- Connects to conventional and addressable fire systems
- Supports up to 16 SmartCell devices

[Click for more information >](#)

SC-13-2100-0001-99



## INTELLIGENT WIRELESS ZONE MONITOR (24 VDC VERSION)

- Requires 24 VDC power
- Connects to conventional and addressable fire systems
- Supports up to 16 SmartCell devices

[Click for more information >](#)

# Detection

SC-21-0200-0001-99



## WIRELESS DUAL SMOKE / HEAT DETECTOR

- Features multiple Smoke / Heat sensitivity combinations
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-22-0200-0001-99



## WIRELESS DUAL SMOKE / HEAT DETECTOR AND COMBINED SOUNDER

- Features multiple Smoke / Heat sensitivity combinations
- Integrated Sounder
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-23-0210-0001-99



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

- Features multiple Smoke / Heat sensitivity combinations
- Integrated Sounder and Beacon (VAD Red Flash)
- Category C-3-9.5
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

# Remote indicators

SC-23-0220-0001-99



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

- Features multiple Smoke / Heat sensitivity combinations
- Integrated Sounder and Beacon (VAD White Flash) Category C-3-12
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-62-0210-0001-99



## WIRELESS REMOTE INDICATOR

- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-22-0200-0001-18



## WIRELESS DUAL SMOKE / HEAT DETECTOR AND COMBINED SOUNDER (POLISH)

- Includes 3x 3.6 V Lithium batteries

SC-62-0211-0001-99



## WIRELESS REMOTE INDICATOR (FIRE DETECTION INDICATOR TEXT)

- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

# Audio visual

SC-31-0100-0001-99



## WIRELESS RED SOUNDER

- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-33-0120-0001-99



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

- Integrated Sounder and Beacon (VAD White Flash)
- Category C-3-12
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-31-0200-0001-99



## WIRELESS WHITE SOUNDER

- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-33-0210-0001-99



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

- Integrated Sounder and Beacon (VAD Red Flash)
- Category C-3-9.5
- Includes 3x 3.6 V Lithium batteries
- 

[Click for more information >](#)

SC-33-0110-0001-99



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

- Integrated Sounder and Beacon (VAD Red Flash)
- Category C-3-9.5
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

SC-33-0220-0001-99



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

- Integrated Sounder and Beacon (VAD White Flash)
- Category C-3-12
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

## SC-32-0110-0001-99



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

- Integrated Sounder and Beacon (VAD Red Flash)
- Category W-3-5.11
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

## SC-32-0220-0001-99



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

- Integrated Sounder and Beacon (VAD White Flash)
- Category W-2.4-6
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

## SC-32-0120-0001-99

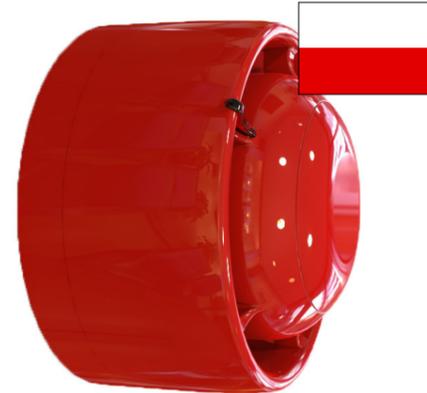


### RED SOUNDER AND WALL BEACON (VAD WHITE FLASH)

- Integrated Sounder and Beacon (VAD White Flash)
- Category W-2.4-6
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

## SC-31-0100-0001-18



### WIRELESS RED SOUNDER (POLISH)

- Includes 3x 3.6 V Lithium batteries

## SC-32-0210-0001-99



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

- Integrated Sounder and Beacon (VAD White Flash)
- Category W-3-5.11
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

# Fire call points

SC-51-0100-0001-99



## WIRELESS FIRE MANUAL CALL POINT

- Includes 2x 3.6 V Lithium batteries
- Includes protective cover
- Includes 2x breakable tags

[Click for more information >](#)

SC-51-0300-0001-04



## SMARTCELL HAUSALARM MANUAL CALL POINT - GERMAN

- Blue Hausalarm for local alerts
- Includes 2x 3.6 V Lithium batteries
- Includes protective cover
- Includes 2x breakable tags

[Click for more information >](#)

SC-51-0100-0001-06



## SMARTCELL FIRE MANUAL CALL POINT - SWEDISH

- Includes 2x 3.6 V Lithium batteries
- Includes protective cover
- Includes 2x breakable tags

[Click for more information >](#)

SC-51-TAG-0001



## SMARTCELL CALL POINT BREAKABLE TAG

- Pack of 50

[Click for more information >](#)

SC-51-0100-0001-18



## SMARTCELL FIRE MANUAL CALL POINT - POLISH

- Includes 2x 3.6 V Lithium batteries
- Includes protective cover
- Includes 2x breakable tags

SC-51-KEY-0001



## SMARTCELL CALL POINT KEY

- Pack of 10

[Click for more information >](#)

# I/O units

SC-41-0200-0001-99



## DUAL INPUT DUAL OUTPUT UNIT

- 2x resistor monitored inputs
- 2x outputs rated 1 A at 30 VDC
- Includes 3x 3.6 V Lithium batteries

[Click for more information >](#)

# Door controllers

SC-44-0200-0001-99



## SMARTDOOR (WHITE)

- 100% wireless and controlled by the control panel
- Includes 2x C 1.5 V Alkaline batteries

[Click for more information >](#)

SC-44-0300-0001-99



## SMARTDOOR (BLACK)

- 100% wireless and controlled by the control panel
- Includes 2x C 1.5 V Alkaline batteries

[Click for more information >](#)

# Information devices

SC-52-0200-0001-99



## WIRELESS INFORMATION MANUAL CALL POINT

- Includes 2x 3.6 V Lithium batteries
- Includes protective cover
- Includes 2x breakable tags

[Click for more information >](#)

SC-43-0200-0001-99



## CONTACT TRANSMITTER AND INPUT DEVICE FOR INFORMATION ZONES

- Resistor monitored input
- Alternative magnetic contact option (magnet supplied)
- Includes 1x 3.6 V Lithium batteries

[Click for more information >](#)

SC-33-0230-0001-99



## INFORMATION WHITE SOUNDER AND CEILING VISUAL INDICATOR (BLUE FLASH)

- Integrated Sounder and Visual Indicator (Blue Flash)
- Includes 3x 3.6V Lithium batteries

[Click for more information >](#)

# Survey / demo kit

SC-71-1201-0001-99



## SC SURVEY/DEMO KIT (ENG-INT)

- For wireless surveys and system demonstration
- Supplied in a durable flight case
- Includes shoulder strap
- Includes wireless control panel with mains charger and communications card
- Includes six wireless SmartCell devices

# Batteries

SC-006-004



## SEALED LEAD ACID BATTERY 6V 4AH (FOR SMARTCELL CONTROL PANEL)

- One per unit

[Click for more information >](#)

SC-836-000



## AA ER14505M 3.6V LITHIUM BATTERY

- For use with SmartCell wireless devices

[Click for more information >](#)

# SmartCell Services

SC-61-0001-0001-99



## SMARTCELL INTERNAL COMMUNICATIONS MODULE

- Includes GSM antenna and SIM card
- SIM coverage subject to local network coverage

[Click for more information >](#)

SC-94-0001-99



## SMARTCELL REMOTE SERVICES ANNUAL CONTRACT

- 12 months connection to SmartCell Services

[Click for more information >](#)

# Additional information

For more information, go to [www.mysmartcell.com](http://www.mysmartcell.com)



## Why SmartCell Services?



24/7 monitoring



Entire real estate view



Improved service planning



Remote configuration



Instant notifications



Detailed audit trail



Remote technical support



User empowerment



Time & money saving

[www.smartcellservices.com](http://www.smartcellservices.com)



## Wireless Fire Systems

EMS Ltd  
Technology House  
Sea Street, Herne Bay  
Kent, UK, CT6 8JZ  
t: +44 (0) 1227 369570  
f: +44 (0) 1227 369679  
[www.emsgroup.co.uk](http://www.emsgroup.co.uk)