

SmartCell

Wireless zone monitor



WIRELESS FIRE SYSTEMS

MK422-99 (Issue 2) October 2024, AJM

Why choose SmartCell?

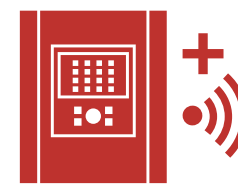
SmartCell Wireless Zone Monitor (WZM) provides universal connections to new and existing fire alarm control panels, and facilitates up to 16 third party EU certified SmartCell wireless fire devices.

With maximum flexibility in mind, the SmartCell WZM connects to both conventional and addressable fire alarm systems.

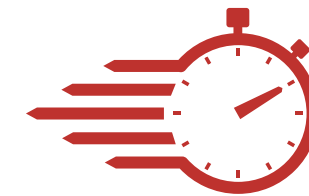
Wireless communication between the WZM and the wireless devices is fast, robust and bidirectional, utilising the European harmonised 868 MHz frequency band.

SmartCell, the future of fire detection available now.

Typical WZM applications



Extend coverage on existing systems



Achieve rapid installation



Coverage in remote buildings



Alternative to power hungry devices



Add detection in areas with asbestos



Protect hard to access areas

WZM benefits



Fast installation



Trusted technology



Intuitive interface



Secure wireless



Minimum disruption



Flexible configuration



Cost saving



EN54-25 certified

Protecting what matters 
for over **50 years**

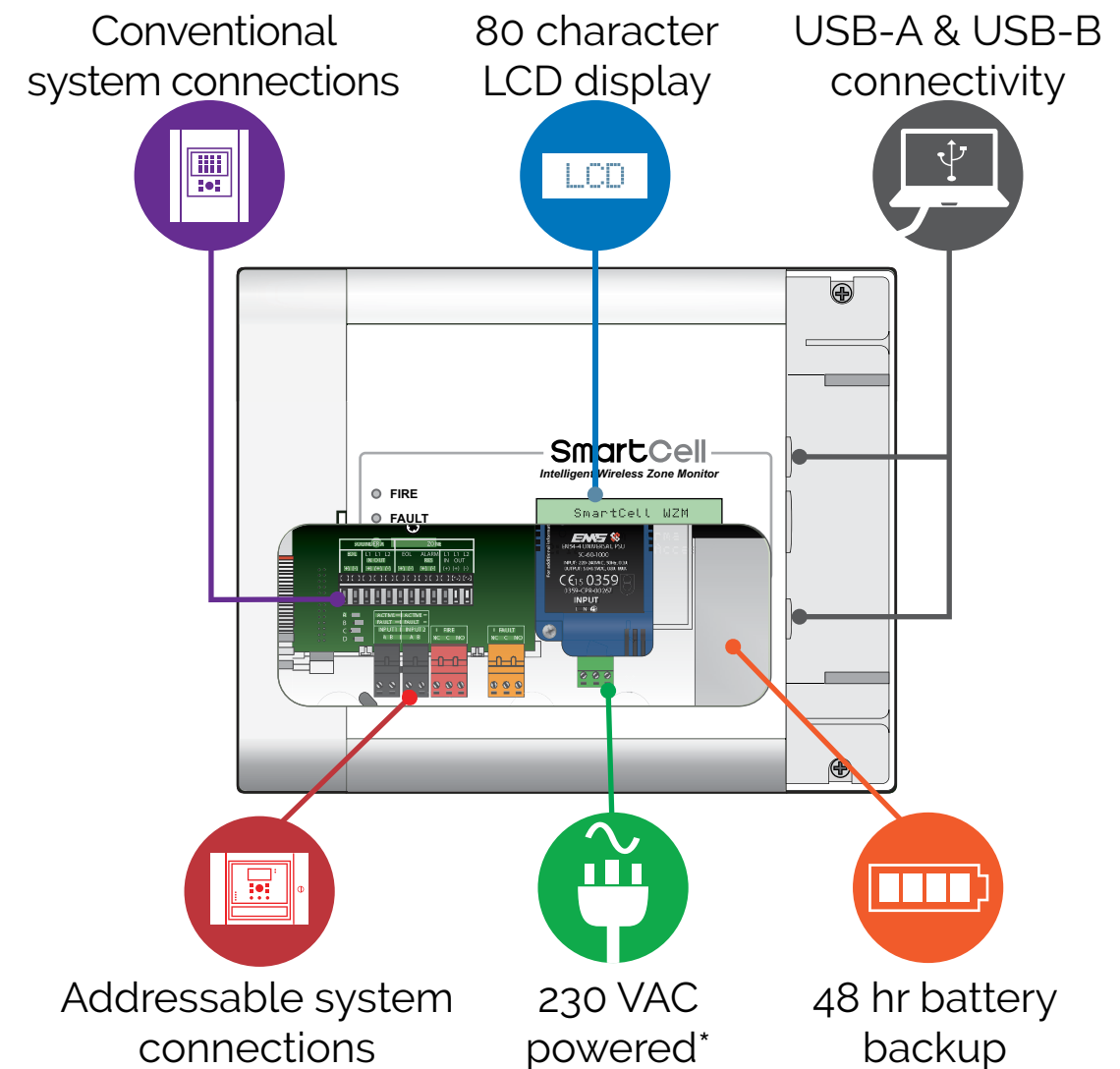
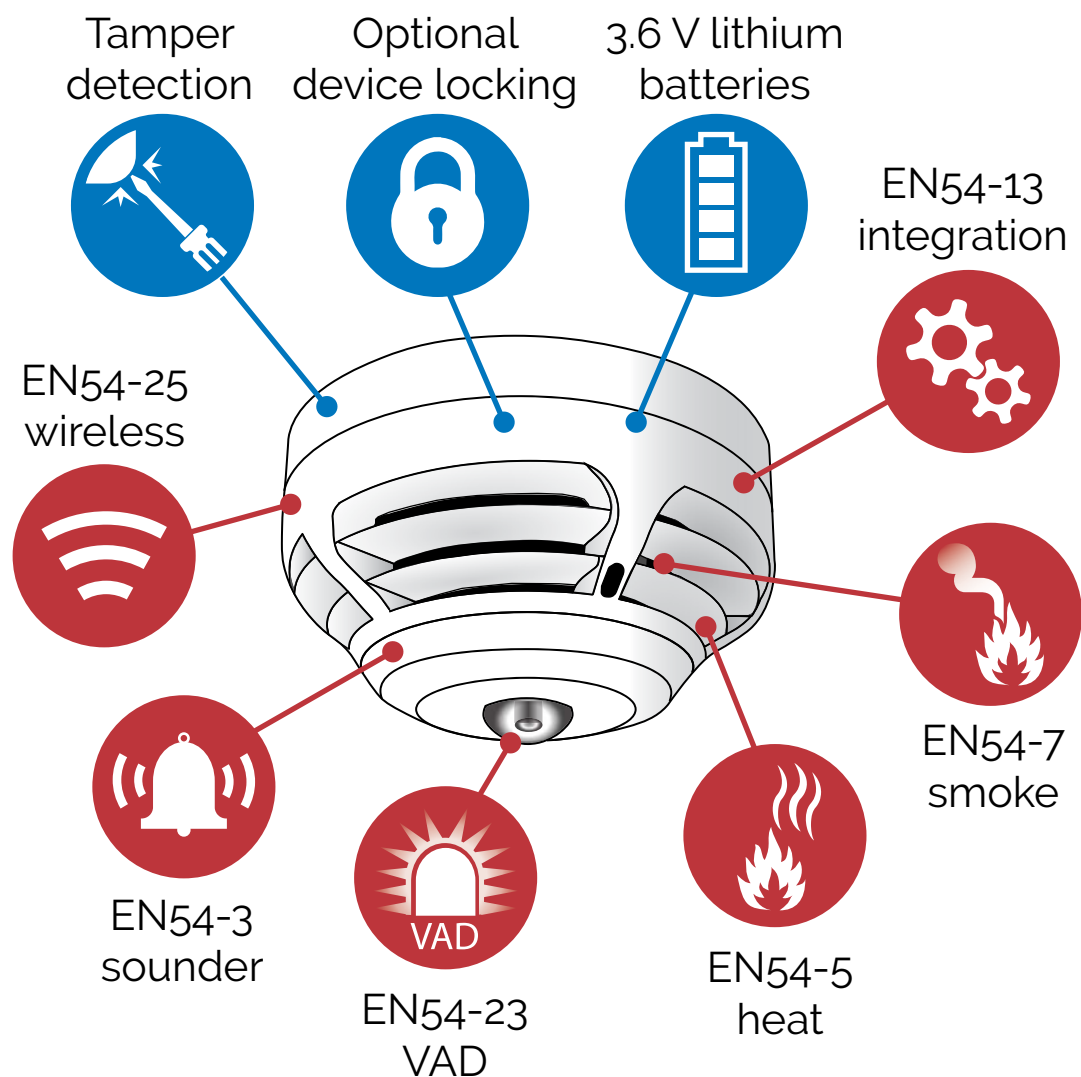
EMS is a leading life safety technologies brand. We have been specialists in modular wireless systems design, manufacture and support for over 50 years.

Today EMS supplies an expanding range of advanced fire systems worldwide, and as pioneers and standard setters, we have helped write the EN54-25 wireless fire systems standard underpinning our FireCell and SmartCell brands.

Big on features

Each wireless device is compact in design yet has many elements. The combination detector has the ability to detect both heat and smoke, along with a 32 tone sounder and a EN54:23 visual indicator. All this in one single device.

Each wireless device has integral "low cost" batteries, giving at least 3 years operation under normal operating conditions.



** An alternative 24 VDC version WZM is also available for use with a separate power supply for extended battery standby time.*

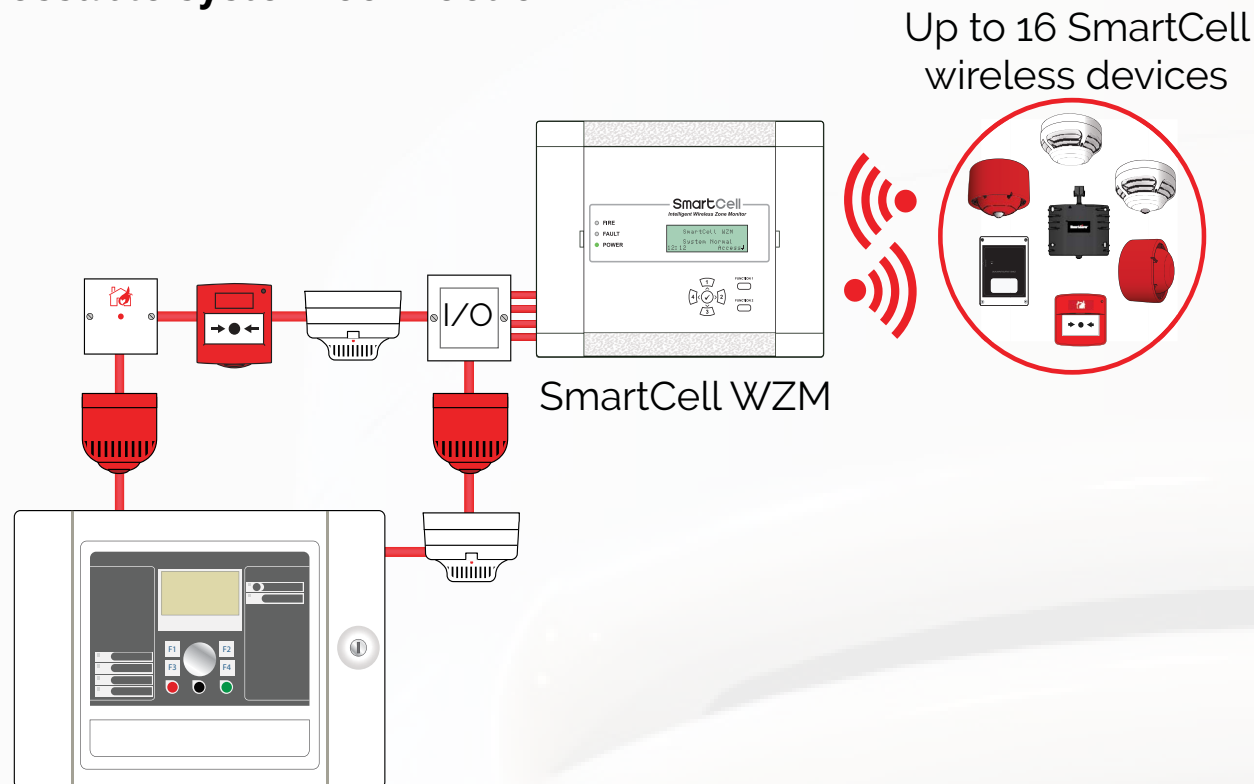
The SmartCell WZM is available in either 24 VDC or 230 VAC power configurations and can accommodate up to 16 wireless devices.

Third-party certified to all current relevant European standards, the SmartCell WZM also includes an 80 character LCD display, showing comprehensive device location information and intuitive menu structures, ensuring swift ease of use.

Much like the wireless devices, the WZM is small, sleek and packed with features.

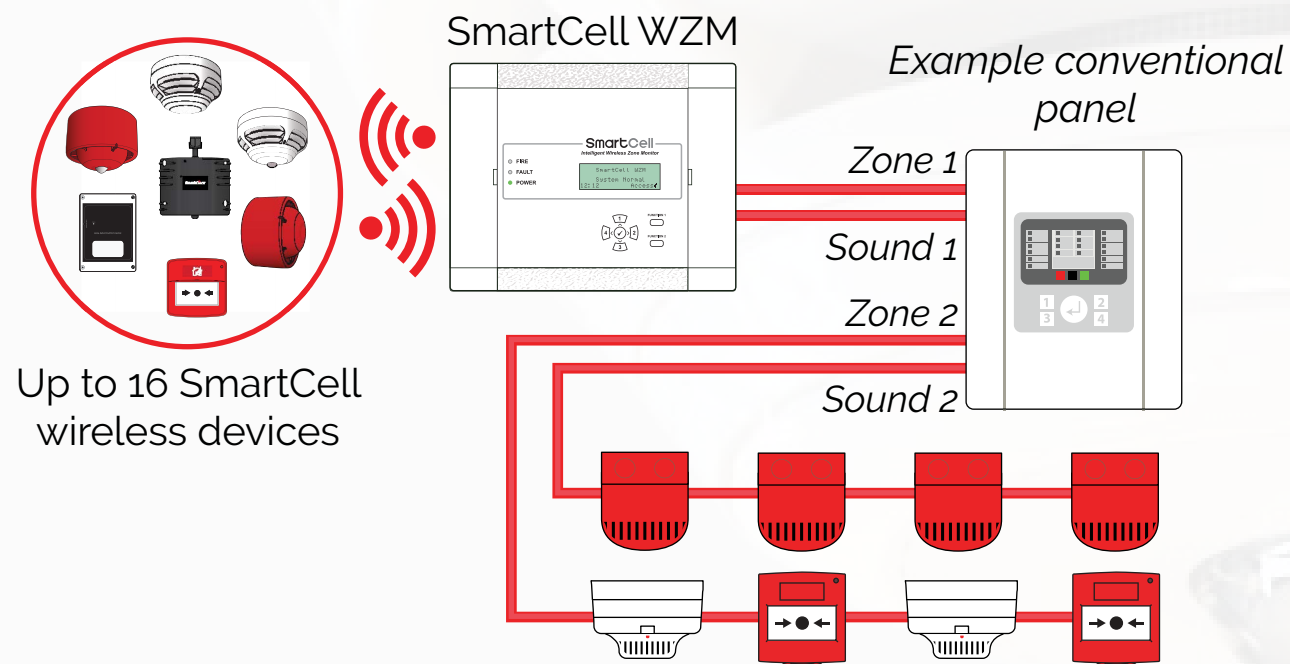
Connection flexibility

Addressable system connection*



Example addressable panel

Conventional system connection



* 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.

Core SmartCell fire devices

Wireless Zone Monitor (WZM)

- ◆ Compact design
- ◆ 80 character LCD display
- ◆ 230 VAC and 24 VDC power options
- ◆ Addressable and conventional system connection options



Wireless Manual Call Point

- ◆ Compact design
- ◆ Fully wireless
- ◆ Includes protective transparent cover



Wireless Detector Sounder-Beacon

- ◆ Compact design
- ◆ Fully wireless
- ◆ Includes part 23 beacon
- ◆ Also available without sounder & beacon



Wireless Sounder-Beacon

- ◆ Compact design
- ◆ Fully wireless
- ◆ Available in ceiling or wall variant
- ◆ Red or white finish
- ◆ Sounder only variant also available



Wireless SmartDoor

- ◆ Holds doors in an open position
- ◆ Doors automatically close in a fire event
- ◆ Full wireless integration
- ◆ Black or white finish





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