# SH-23-0220-0001-99

## SmartCell Dual Smoke/Heat Detector and Combined Sounder-Beacon (VAD White Flash)

### Overview

The SmartCell Dual Smoke / Heat Detector with Sounder is quick and easy to install and offers individual addressing at the Excellence Control Panel or Gateway.

Features include dual smoke and/or heat detection, integrated sounder with 32 tones, bidirectional 868 MHz communication, fire indication LED and an anti-tamper locking mechanism.

This device is third party certified and compatible with the Excellence wireless gateway.



### Details

- Fully wireless
- Quick and easy to install
- Compact profile
- Flexible detection; smoke and/or heat
- 32 sounder tones
- EN54:23 certified visual alarm device (VAD)
- Unique design
- Inbuilt locking mechanism

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## Technical specifications

### General

| | |
|---|---|
| Wireless frequency | 868 MHz |
| Compatibility | Excellence Gateway |

### Electrical

| | |
|---|---|
| Batteries | 3 x 3.6 V lithium thionyl chloride batteries.<br>Fanso: ER14505M<br>HCB: ER14505M (HCB-JS-TZ-02-547) |

### Sounder

| | |
|---|---|
| Output level | 93 dB(A) at 1 m max. |
| Output level adjustment | High or low |
| Selectable tones | 32 |

### VAD

| | |
|---|---|
| Colour | White |
| Rating | C-3-12 |
| Flash frequency | 0.5 Hz (1 flash, every 2 seconds) |

### Physical

| | |
|---|---|
| Physical dimensions | 110 x 58 mm (Ø x D) |
| Net weight | 0.2 kg |
| Colour | White |
| Mounting type | Ceiling mount |

### Environmental

| | |
|---|---|
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +30°C (with batteries)<br>-10 to +55°C (without batteries |
| Relative humidity | 95% noncondensing max. |
| Environment | Indoor |
| IP rating | IP21C |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RED (2014/53/EU), RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54-3<br>EN54-5<br>EN54-7<br>EN54-13<br>EN54-23<br>EN54-25 |

### Detection

| | |
|---|---|
| Sensitivity | Smoke: Normal, Normal+AVF. Heat: 58 °C, static (A2S), 58 °C rate of rise (A2R), 72 °C static (BS), 72 °C rate of rise (BR) |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Batteries | SH-836-000 | AA ER14505M 3.6V Lithium Battery |
| Interface unit | SH-14-3201-000 1-99 | Excellence SmartCell Addressable Wireless Gateway |
| Test Equipment | SH-21-BASE-020 0 | SmartCell Device / Sounder base – White (10 pack) |

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