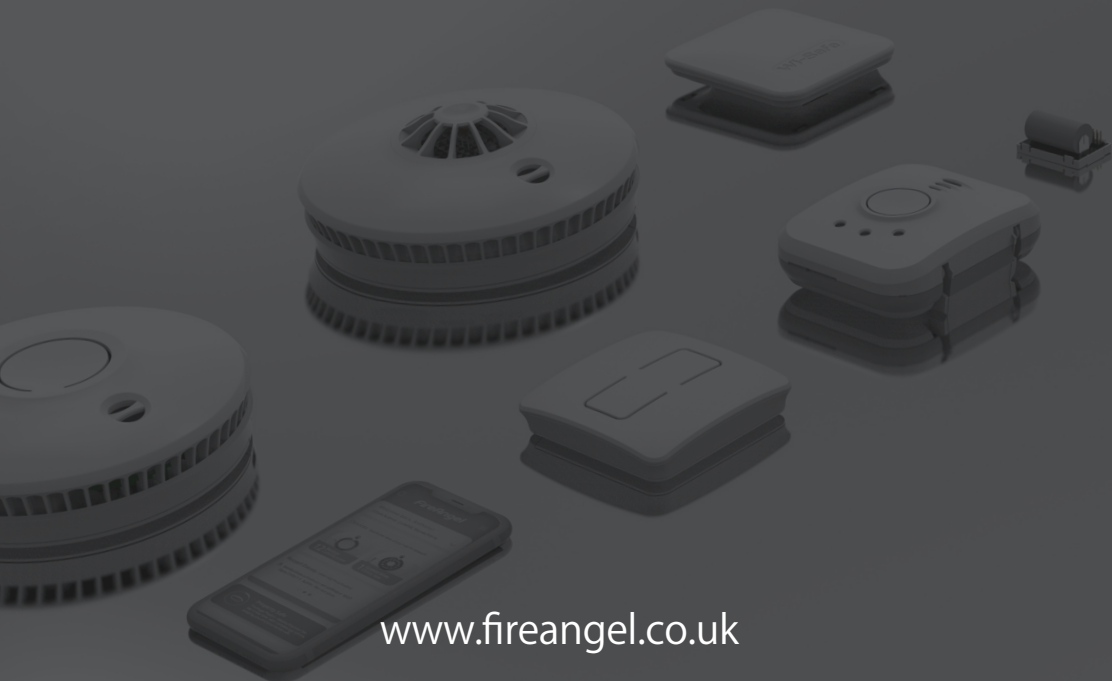


FireAngel®

Product Selector

2021
5th Edition



www.fireangel.co.uk

here to protect you™

We are leading the way in fire safety with state of the art design and technology to deliver the most reliable, efficient and desirable home safety solutions. Our technology is used and trusted by over 90% of the UK's Fire and Rescue Services.

We are Innovation

Our UK based R&D team are committed to innovating quality products to deliver the most efficient home safety solutions.

We are Reliability

Tested and tested again using our in-house test and validation facilities, we pride ourselves on product reliability. There's a reason over 90% of the UK's Fire and Rescue Services choose FireAngel.

We are Service

We have a team of specification managers and dedicated customer service specialists on hand across the UK who support our trade customers locally.



FireAngel SPECIFICATION

Featuring **SMART RF** technology 

See page 4-5...

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MAINS SMOKE AND HEAT ALARMS

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10 YEAR SPECIFICATION GRADE D1

Mains Powered with 10 Year Lithium Battery Back-Up



SMART RF READY
Fit a Smart RF module for wireless compatibility (FS1521W2-T)



230V
+
Mains Powered with 10 Year Lithium Battery Back-Up



Sleep Easy
Silence a low battery chirp for 8 hours



Base Protection
Maintains BS5839:6 standards for Social Landlords



5 year warranty

SM-SN-1 Multi-Sensor Smoke Alarm



Grade D1

- The SM-SN-1 offers the ultimate protection against all types of fire.
- Uses sensing technology of choice for over 90% of the UK's Fire and Rescue Services.
- Multi-Sensor alarms are recognised in BS5839:6 as an enhancement to reduce nuisance alarms and for rapid detection of all fire types.
- Thermoptek Multi-Sensor combines the latest optical sensing technology with a thermal enhancement for a rapid detection to all types of fire.
- CE marked
- 10 year sealed lithium Panasonic battery back-up.
- Reduces false alarms.
- **Smart RF Ready** - Fit a Smart RF Radio module (FS1521W2-T) for wireless compatibility. Wireless interlink multiple Smart RF devices within one network.
- Certified to EN 14604:2005+AC:2008.

£52.91

For use in: Hallway, Landing, Living Room, Bedroom, Dining Room

HM-SN-1 Enhanced Heat Alarm



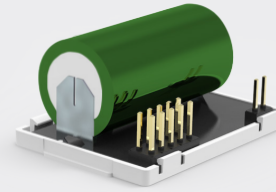
Grade D1

- The HM-SN-1 is a mains heat alarm with class A1 heat detection (54°C - 65°C).
- Features Thermistek technology with a unique radiant heat dish, which reflects directional heat from the fire onto the thermistor for a faster response.
- Predicts temperature rise and primes the alarm to respond sooner if the temperature is predicted to be rising at a dangerous rate.
- Provides a quicker response to fast flaming fires - ideal to protect the kitchen, the most dangerous room in a home.
- 10 year sealed lithium Panasonic battery back-up.
- Trusted technology used by the UK's Fire and Rescue Service.
- **Smart RF Ready** - Fit a Smart RF Radio module (FS1521W2-T) for wireless compatibility. Wireless interlink multiple Smart RF devices within one network.
- Certified to BS 5446-2:2003.

£52.91

For use in: Kitchen, Garage, Loft

For more info see pg. 6



FS1521W2-T
SMART RF
Smart RF Module



SM-SN-1 **SMART RF** **READY**
Multi-Sensor Smoke Alarm

HM-SN-1 **SMART RF** **READY**
Enhanced Heat Alarm

Fit a Smart RF Module to wireless interlink multiple mains and/or battery powered Smart RF devices to a network:

SMART RF

Extend your network with mixed system capability:

For increased safety, you can wireless interlink any Smart RF battery powered alarm to your network to create a hybrid system of mains and battery products. Our Smart RF range of battery powered alarms allow you to quickly extend your network wirelessly without the fuss of extra wiring.



FS1326-T **SMART RF** **READY**
Wireless Interlink Carbon Monoxide Alarm



FS1524W2-T **SMART RF**
Wireless Alarm Control Unit



FS1552W2-T **SMART RF**
Strobe & Vibrating Pad



FS2126-T **SMART RF** **READY**
Wireless Interlink Multi-Sensor Smoke Alarm



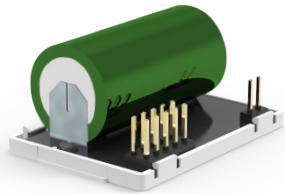
FS1226-T **SMART RF** **READY**
Wireless Interlink Enhanced Heat Alarm

Smart RF Radio Module and Mesh Monitor for use with Smart RF Ready Devices

SMART RF

FS1521W2-T

Smart RF Radio Module



- A Smart RF Radio Module provides a wireless connection between any Smart RF enabled device.
- By fitting a Smart RF module, you can wireless interlink multiple Smart RF devices to ensure a faster reaction through the property. When one alarm sounds they all sound.
- Fit into any of our Smart RF mains or battery product range including Specification and all products with the 'Smart RF ready' logo.
- **Connected Homes** - All devices featuring Smart RF technology are able to connect to the FireAngel cloud via a **FireAngel Gateway (FS1580W2-T)** providing complete remote access to diagnostic information reported by the device.
- **Connected Homes** - Featuring patented technology FireAngel Connected allows remote monitoring and sends optional notifications to mobile devices. Compatible with all our Specification range of mains and battery products - our advanced connected solution is ideal for properties with a requirement for real-time monitoring, remote testing and status notification of domestic alarm installations. (See page 10 for more information).

- 5 year warranty.
- CE marked.

See volume price breaks below:

Quantity	Price
10	£50.00 each
100	£46.00 each
500	£40.00 each



Additional Guidance:

SMART RF READY

Products showing the 'Smart RF Ready' logo require a separate Smart RF module to be fitted within the device for Smart RF wireless compatibility (FS1521W2-T).



SMART RF

Products showing the 'Smart RF' logo, do not require the fitting of a Smart RF radio module and these products will work with any other FireAngel Smart RF device for wireless compatibility.

W2-MM Smart RF Mesh Monitor



- Service and maintenance tool for FireAngel within a Smart RF network.
- Provides visibility of network in a simple graphical user interface.
- Significantly reduces the time required for service and maintenance.
- Quick setup - plug and play hardware with easy to install software.
- "Walk By" - Mesh monitor solution with capability to address the system.
- Network health check with one click (without access to the property).
- Ability to:
 - save site-specific details such as site name, site address, individual unit name e.g. bedroom 1, kitchen 1.
 - print out a maintenance report as pdf.
 - automatically find site details based on network id for "Read Only" mode.
- CE marked.

£80.00

Fit a Smart RF Module to wireless interlink multiple mains and/or battery powered Smart RF devices to a network:

Mains Powered Alarms



SM-SN-1 **SMART RF** READY
Multi-Sensor Smoke Alarm



HM-SN-1 **SMART RF** READY
Enhanced Heat Alarm

Battery Powered Alarms



FS2126-T **SMART RF** READY
Wireless Interlink Multi-Sensor Smoke Alarm



FS1226-T **SMART RF** READY
Wireless Interlink Enhanced Heat Alarm



FS1326-T **SMART RF** READY
Wireless Interlink Carbon Monoxide Alarm



FS1524W2-T **SMART RF**
Wireless Alarm Control Unit



FS1552W2-T **SMART RF**
Strobe & Vibrating Pad

SMART RF TECHNOLOGY

SMART RF TECHNOLOGY

INTRODUCING SMART RF



This intelligent technology enables wireless communication with any other Smart RF device.

When one alarm sounds, they all sound. Create a wireless safety network of multiple Smart RF devices.

Each alarm communicates with others by periodically sending and receiving wireless signals, to constantly monitor and communicate with the network.

When any alarm detects smoke, heat, or carbon monoxide (CO), the wireless module inside sends a signal to all the connected alarms ensuring a fast reaction across the network.



Cost-effective Adaptability

Futureproof installations, whilst continuing to provide properties with maximum fire and carbon monoxide (CO) protection.



Easy Installation

Smart RF simplifies installation with no need for wiring, mess or fuss ensuring greater productivity and saving time - wireless interlink all your Smart RF devices within seconds!



Wireless Network

Wireless interlink multiple Smart RF devices to maximise protection and ensure a faster reaction throughout a property. So when one alarm sounds, they all sound.



Mixed System Compatibility

Works with our 'Specification' and 'Smart RF Ready' mains and battery product range, allowing you to create a flexible hybrid system.

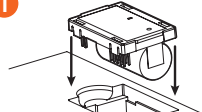
- Hardwired
- Wireless
- Hardwired and/or Wireless

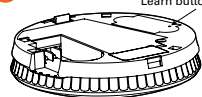
Wirelessly interlink alarms using Smart RF technology


Learning-in:

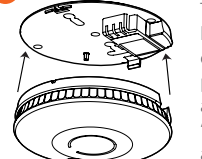
How to wirelessly interlink alarms using a Smart RF Radio Module (FS1521W2-T):

Our range of Smart RF alarms* and accessories have been designed to wirelessly interlink via a simple 'Learn-in' process - so in the event of an alarm activating, all the alarms within the network will also activate.

1  When fitting a Smart RF Radio module into a compatible alarm, remove the module from its packaging. Then carefully plug the Smart RF module into the back of a 'Smart RF Ready' alarm unit - push the module down until it lies flat within the base of the unit. (Be careful not to touch the connector pins on the module).

2  Using a ballpoint pen, briefly press and release the 'learn button' on the back of the Smart RF Radio module. The red LED next to the learn button will flash briefly then light up for approximately 5 seconds.

3  During these 5 seconds you need to briefly press the 'test' button on any other Smart RF alarm fitted with a Smart RF Radio module. A smoke or heat alarm will give an audible sound consisting of two cycles of three loud beeps, for CO alarms there will be two cycles of four loud beeps. The red LED on the Smart RF Radio module of the first alarm will flash to indicate that it has been 'learned-in' successfully. If the 'test' button is not pressed quickly enough, the 'learn-in' process will fail. If this happens, repeat the process.

4  To check the alarms are linked, fit the first alarm onto its base panel and press the 'test' button. Both alarms should sound. When 'learning-in' additional alarms, always link from a 'new' alarm onto any alarm already in the network. You do not have to 'learn-in' to every alarm in the network.

*Smart RF Ready products require a Smart RF Radio Module (FS1521W2-T) for wireless interlink. Smart RF products do not require a module and work with any FireAngel Smart RF device for wireless compatibility.

Un-learning:

How to un-link alarms wirelessly interlinked via Smart RF:

- 1** Using a ballpoint pen push the 'learn button' twice in a quick succession but do not release the pen after the second push. Hold the pen in place until the red LED next to the learn button goes out. The red LED next to the learn button will then flash twice slowly, followed by three rapid flashes.
- 2** The LED process confirms the alarm has been un-learned successfully from the network.
- 3** Always 'test' to confirm the alarm has been un-learned by pressing its 'test' button. No other alarms will be triggered only the single alarm will sound. You can always repeat the 'un-learn' process.

FireAngel SPEC CONNECTED

FS1580W2-T Spec Connected Wireless Gateway



- **Enables remote real time monitoring** - without requiring access to properties for complete tenant and asset protection
- **Compatible with all FireAngel Specification devices** - use alongside an existing or new network of multiple mains and battery devices
- **Simple setup and configuration** - in seconds grant access to service and maintenance teams, landlords, family or friends
- **Real time notifications** - instant access to device diagnostic information is made available with optional device status notifications
- **Unique patented technology** - Intelligent FireAngel Predict™ technology analyses real-time data to identify patterns of potential fire risk within properties - giving an instant risk level without a manual data trawl.
- **Secure cloud system** - device data is completely secure and stored within the FireAngel Cloud
- **For complete control, access information via mobile devices** - Test and silence alarm networks remotely using the free FireAngel Connected App
- **Supplied with a Ethernet network cable**
- Independently tested to EN 300 220-2, EN 301 489-3, EN 301 489-1
- LED indicators for power supply, network connection, error message

Quantity	Price
10	£114.13 each
100	£103.75 each
500	£93.38 each



Enables Remote Monitoring



Supplied with Ethernet network cable



Mobile app
Access information via the free FireAngel Connected App



5 year warranty



FireAngel CONNECTED

Powered by FireAngel Specification



Featuring patented technology FireAngel Connected **allows remote monitoring and sends instant notifications** of the dangers of fire and carbon monoxide to mobile devices. Compatible with all our Specification range of mains and battery products - our unique solution is ideal for premises with a requirement for real-time monitoring and status notification of domestic alarm installations.



Real time alerts

Any change in status on any network will immediately be displayed.



Monitor Networks

Event logs show diagnostic status of device networks.



Testing

Users can identify networks with overdue system tests.

Get in touch with your local Specification Manager and find out how our connected solutions can help you today: www.fireangel.co.uk/specification-manager

FireAngel **PREDICT**

Protecting our communities with patented AI

Resident-Centric Design

Putting resident safety first, FireAngel Predict™ enables prioritised interventions, and increased fire prevention measures, to those residents who need it most.

Efficient Resource Management

Predict™ patented technology analyses real-time data to identify patterns of potential fire risk within properties - giving an instant risk level without a manual data trawl.

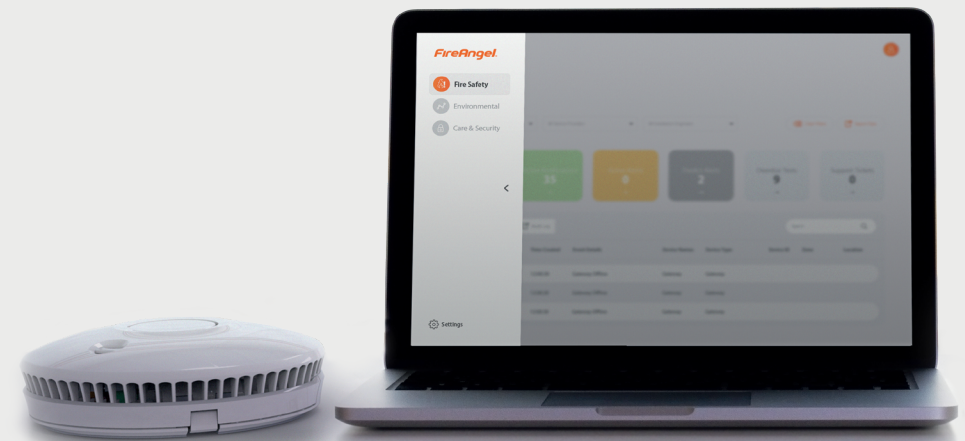


“FireAngel Predict will provide a step-change in fire safety. This unique cloud-based technology evaluates numerous criteria in real time, allowing us to pin-point high risk scenarios and intervene to prevent fires before they start.”

Steve Topham, Director of Service Support at Humberside Fire & Rescue Services, UK

FireAngel **CONNECTED**

The **Connected** solution for **Social Housing** that enables active fire risk management and prepares properties for a smarter future.



Fire Risk Mitigation

FireAngel Predict™ provides an instant, real-time fire risk level unique to each property, allowing you to actively mitigate risk and prioritise intervention for those who need it most.

Manage data and insights

Integrate data into your existing asset management system or use our dashboard to monitor conditions within the property or when devices are activated, are removed or require maintenance.

Smart Network Infrastructure

Create a compliant network of protection that prepares properties for a smarter future and can be enhanced as resident needs evolve, with robust connectivity that doesn't depend on tenant Wi-Fi.

Find out more, visit [fireangel.co.uk/connected](https://www.fireangel.co.uk/connected)

MAINS 9V BATTERY BACK-UP GRADE D2

Mains Powered Smoke, Heat and Carbon Monoxide Alarms



Mains Powered
with 9V battery
back-up



Push-Fit base
for easy installation



Modern Look



Wireless interlink
with RF base



5 year
warranty

SW1-PF-T Optical Smoke Alarm



Grade D2

- The SW1-PF-T is a mains powered smoke alarm with 9V replaceable battery back-up.
- Easy to install with a Push2Fit base included to ensure secure and speedy connection of the alarm to the base unit - Saving you time and money on installations.
- Optical sensing technology reduces nuisance alarms.
- Optical alarms are recommended in the British Standard BS 5839-6 for installation in circulation areas e.g hallways and landings.
- Hardwire interconnect up to 12 SW1-PF-T smoke, HW1-PF-T heat & CW1-PF-T CO units or wirelessly interconnect with an RF-BW-T base - when one sounds they all sound*.
- Certified to EN 14604:2005+AC:2008.

£22.83

For use in: Hallway, Landing, Living Room, Bedroom, Dining Room

HW1-PF-T Heat Alarm



Grade D2

- The HW1-PF-T is a mains powered heat alarm with 9V replaceable battery back-up.
- A heat alarm is ideal to protect the most dangerous room within a home, the kitchen.
- Easy to install with a Push2Fit base included to ensure secure and speedy connection of the alarm to the base unit - Saving you time and money on installations.
- Advanced thermistor sensing technology.
- Class A2 heat detection (54°C - 70°C).
- Hardwire interconnect up to 12 SW1-PF-T smoke, HW1-PF-T heat & CW1-PF-T CO units or wirelessly interconnect with an RF-BW-T base - when one sounds they all sound*.
- Certified to BS 5446-2: 2003.

£33.20

For use in: Kitchen, Garage, Loft

CW1-PF-T Carbon Monoxide Alarm



- The CW1-PF-T is a mains powered CO alarm with a 9v replaceable battery back-up.
- Easy to install with a Push2Fit base included to ensure secure and speedy connection of the alarm to the base unit - Saving you time and money on installations.
- Enhanced electrochemical sensor.
- Hardwire interconnect up to 12 SW1-PF-T smoke, HW1-PF-T heat & CW1-PF-T CO units or wirelessly interconnect with an RF-BW-T base - when one sounds they all sound*.
- Certified to EN 50291-1:2018.

£58.83

For use in: Any room with a fuel burning appliance

RF-BW-T RF Interlink Base

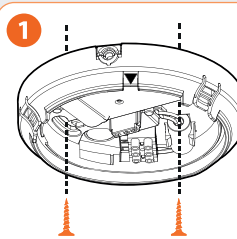


- Wirelessly interlink multiple SW1-PF-T mains smoke, HW1-PF-T heat alarms and CW1-PF-T carbon monoxide alarms using the RF-BW-T interlink base*.
 - Quick to install and easy to link - ensuring greater productivity and savings.
 - The base unit has been designed to transmit an RF signal when the alarm attached to it senses smoke or fire. When another RF-BW-T base* receives this signal the attached smoke, heat or CO alarm will also sound, eliminating the need for connection wires between each alarm.
 - Ideal when refurbishing or extending an existing property as there is no messy chasing or trunking to worry about.
- *RF-BW-T will not interlink to Smart RF.

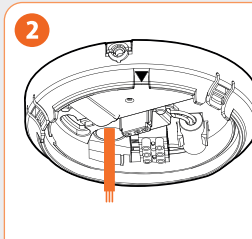
£47.73



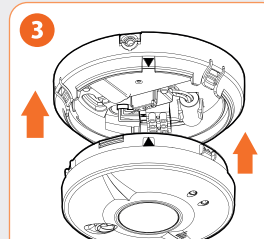
Push-Fit base for easy installation included as standard



1
Screw the mounting base
firmly to the ceiling



2
Connect the mains wires
to the terminal block



3
Align arrows and
Push2Fit the alarm securely
onto the base

*This range will not hardwire interlink with our Specification range.

BATTERY ALARMS GRADE F1

BATTERY ALARMS GRADE F2

10 Year Sealed Battery Powered Smoke Alarm

Battery Powered Smoke Alarm



10 year
Sealed for life lithium
battery



Easy to install
With automatic battery
engagement on base plate



5 year
warranty



Modern Look



3 year
warranty

ST-622T Multi-Sensor Smoke Alarm



- The ST-622T Multi-Sensor battery powered standalone smoke alarm* offers ultimate protection against all types of fire.
- Uses sensing technology of choice for over 90% of the UK's Fire and Rescue Services.
- Thermoptek Multi-Sensor combines the latest in optical sensing with a thermal enhancement for a rapid detection of both fast flaming and slow smouldering fires in a single alarm.
- 10 year sealed for life lithium battery.
- Faster reaction to all types of fire.
- Reduces false alarms.
- Certified to EN 14604:2005+AC:2008.

£21.79

Grade F1

For use in: Hallway, Landing, Living Room, Bedroom, Dining Room

SB1-T Optical Smoke Alarm



- The SB1-T is a 1 year optical standalone smoke alarm* with a replaceable battery.
- Optical alarms are recommended in the British Standard BS 5839-6 for installation in circulation areas e.g hallways and landings.
- Ideal for Grade F2 installations where cost is a priority.
- High performance optical sensor reduces nuisance alarms.
- 9V replaceable battery included (requires battery replacement each year).
- 10 year lifespan.
- Certified to EN 14604:2005+AC:2008.

£7.68

Grade F2

For use in: Hallway, Landing, Living Room, Bedroom, Dining Room



Our Specification range features Smart RF wireless interlink technology - See page 4-5 for mains powered alarms or page 18-19 for battery powered alarms.

* Standalone smoke alarms ST-622T and SB1-T do not interlink with other devices. If you wish to create a network of interlinked devices, we recommend FireAngel Specification, see page 4-5 (mains) or 18-19 (battery).

BATTERY ALARMS GRADE F1

Battery Powered Smoke Alarms



SMART RF
Fit a Smart RF module
for wireless compatibility
(FS1521W2-T)



Easy to install
With automatic battery
engagement on base plate



10 year
Sealed for life lithium
battery



5 year
warranty

FS2126-T

Multi-Sensor Smoke Alarm



- The FS2126-T Multi-Sensor battery powered smoke alarm, offers ultimate protection against all types of fire.
- Uses sensing technology of choice for over 90% of the UK's Fire and Rescue Services.
- Thermoptek Multi-Sensor combines the latest in optical sensing with a thermal enhancement for a rapid detection of both fast flaming and slow smouldering fires in a single alarm.
- **Smart RF Ready** - Fit a Smart RF Radio module (FS1521W2-T) for wireless compatibility. Wireless interlink multiple Smart RF devices within one network.
- 10 year sealed for life lithium Panasonic battery.
- Reduces false alarms.
- Certified to EN 14604:2005+AC:2008.

£31.13



Grade F1

For use in: Hallway, Landing, Living Room, Bedroom, Dining Room

FS1226-T

Enhanced Heat Alarm



- The FS1226-T is a battery powered heat alarm with class A1 heat detection (54°C - 65°C).
- Features Thermistek technology with a unique radiant heat dish, which reflects directional heat from the fire onto the thermistor for a faster response.
- **Smart RF Ready** - Fit a Smart RF Radio module (FS1521W2-T) for wireless compatibility. Wireless interlink multiple Smart RF devices within one network.
- Predicts temperature rise and primes the alarm to respond sooner if the temperature is predicted to be rising at a dangerous rate.
- Thermistek technology provides a quicker response to fast flaming fires.
- 10 year sealed for life Panasonic battery.
- Trusted technology used by the UK's Fire and Rescue Service.
- Smart Silence - temporarily silence known false alarms.
- Certified to BS 5446-2:2003.

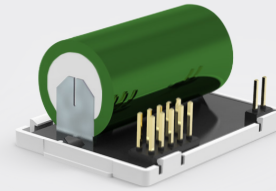
£29.05



Grade F1

For use in: Kitchen, Garage, Loft

For more info see pg. 6



FS1521W2-T

SMART RF
Smart RF Module



Extend your network - fit a Smart RF Module to wireless interlink multiple Smart RF devices to a network:

Mains Powered Alarms



pg.4

SM-SN-1

Multi-Sensor Smoke Alarm



pg.4

HM-SN-1

Enhanced Heat Alarm

Battery Powered Alarms



pg.18

FS2126-T

Wireless Interlink Multi-Sensor
Smoke Alarm



pg.18

FS1226-T

Wireless Interlink Enhanced
Heat Alarm



pg.20

FS1326-T

Wireless Interlink Carbon
Monoxide Alarm

BATTERY CO ALARMS

10 Year Battery Carbon Monoxide Alarms



10 year
Sealed for life lithium
battery



Advanced
electrochemical sensor



Intelligent
Diagnostics

FS1326-T

Wireless Interlink
Carbon Monoxide Alarm



- The FS1326-T is a battery powered, sealed for life carbon monoxide alarm with Smart RF wireless interlink technology.
- Provides an early warning of the presence of CO in a home.
- Intelligent wireless interlink with multiple other Smart RF enabled devices, meaning any danger is reported by every alarm throughout the property to enable a faster response.
- **Smart RF Ready** - Fit a Smart RF Radio module (FS1521W2-T) for wireless compatibility. Wireless interlink multiple Smart RF devices within one network.
- Unique diagnostic capability to provide a report giving the time, date and level of CO in the property.
- Single or double point fixing options.
- 5 year warranty.
- Certified to EN 50291-1:2010+A1:2012 and EN 50291-2:2010.



For domestic
premises
(caravan holiday
homes), caravans,
motor caravans,
and boats.

£29.05

For use in: Any room with a fuel burning appliance

CO-9X-10T-FF

10 Year Battery Powered
Carbon Monoxide Alarm



- The CO-9X-10T-FF is a sealed battery carbon monoxide alarm that provides an early warning of the presence of CO in a home.
- LED display - Features three LED status indicators to show when the unit has power, or has entered into a fault or alarm mode.
- End of life indication.
- Designed so that it can be wall mounted or left free standing.
- Fast-Fit bracket for quick installation.
- Unique diagnostic capability to provide a report giving the time, date and level of CO in the property.
- 10 year sealed battery.
- 5 year warranty.
- Certified to EN 50291-1:2010+A1:2012 and EN 50291-2:2010.

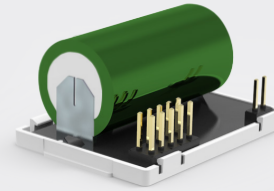


For domestic
premises
(caravan holiday
homes), caravans,
motor caravans,
and boats.

£26.98

For use in: Any room with a fuel burning appliance

For more info see pg. 6



FS1521W2-T

SMART RF
Smart RF Module

Extend your network - fit a Smart RF Module to wireless interlink multiple Smart RF devices to a network:

Mains Powered Alarms



pg.4

SM-SN-1 **SMART RF** READY

Multi-Sensor Smoke Alarm



pg.4

HM-SN-1 **SMART RF** READY

Enhanced Heat Alarm

Battery Powered Alarms



pg.18

FS2126-T **SMART RF** READY

Wireless Interlink Multi-Sensor
Smoke Alarm



pg.18

FS1226-T **SMART RF** READY

Wireless Interlink Enhanced
Heat Alarm



pg.20

FS1326-T **SMART RF** READY

Wireless Interlink Carbon
Monoxide Alarm



FireAngel supports 'Project SHOUT'. The National Campaign to raise awareness of carbon monoxide poisoning.

www.projectshout.com

BATTERY CO ALARMS

BATTERY CO ALARMS

7 Year Battery Carbon Monoxide Alarms

Replaceable Battery Carbon Monoxide Alarm



7 year lithium battery



Advanced electrochemical sensor



Portable for home or holiday



Replaceable Batteries



Advanced electrochemical sensor



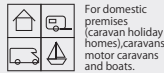
Portable for home or holiday

CO-9XT-FF

7 Year Battery Powered Carbon Monoxide Alarm



- The CO-9XT-FF is battery powered carbon monoxide alarm that provides an early warning of the presence of CO in a home.
- Features three LED status indicators to show when the unit has power, or has entered into a fault or alarm mode.
- Designed so that it can be wall mounted or left free-standing.
- Fast-Fit bracket for quick installation.
- Unique diagnostic capability to provide a report giving the time, date and level of CO in the property.
- 7 year sealed battery.
- 7 year warranty.
- Certified to EN 50291-1:2010+A1:2012 and EN 50291-2:2010.



£24.90

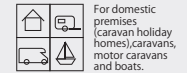
For use in: Any room with a fuel burning appliance

CO-9B

Replaceable Battery Powered Carbon Monoxide Alarm



- The CO-9B is a replaceable battery powered CO alarm, that provides an early warning of the presence of CO in a home.
- LED display.
- Free-standing or wall mounted.
- Supplied with 1 year replaceable alkaline batteries (2 x AA) to power the alarm.
- End of life indication.
- 7 year lifespan.
- 7 year warranty.
- Certified to EN 50291-1:2010+A1:2012 and EN 50291-2:2010.



£22.83

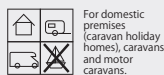
For use in: Any room with a fuel burning appliance

CO-9D

7 Year Battery Powered Digital Carbon Monoxide Alarm



- The CO-9D is a digital battery powered CO alarm that provides an early warning of the presence of CO in a home.
- Unique digital display - digital LCD display shows low levels of CO down to 10ppm.
- Shows peak levels of CO detected over a 4 week period.
- Displays CO levels as low as 10ppm.
- End of life indication.
- 7 year sealed battery.
- 7 year warranty.
- Certified to EN 50291-1:2010+A1:2012 and EN 50291-2:2010 (excluding Boats).



£26.98

For use in: Any room with a fuel burning appliance



For our mains powered CO alarm with 9V battery back-up see Page 15



FireAngel supports 'Project SHOUT'. The National Campaign to raise awareness of carbon monoxide poisoning.

www.projectshout.com

ASSISTED LIVING SOLUTIONS

Electrical Cooker Safety



Switches off
electric cooker
before fire starts



5 year
year replaceable
battery



Self learning
intelligent temperature
alarm



Complies with
EN50615:2015



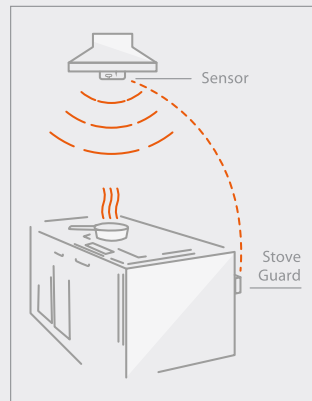
2 year
warranty

SGEL-SN-2 Electric Stove Guard



For use with: Electric Cookers

- Switches off electric cookers before a fire can start
- Features Thermistor / infrared heat detection with learning algorithm and intelligent temperature monitoring feature
- Self-learning - adjusts sensitivity based on users' cooking habits
- Compatible with external monitoring systems such as Telecare
- Low energy consumption (~ 1W)
- Identifies dangerously high temperatures
- Automatic fault diagnosis checks system operation
- Removing heat sensor prevents cooker use
- Complies with EU standard EN50615:2015 requirements



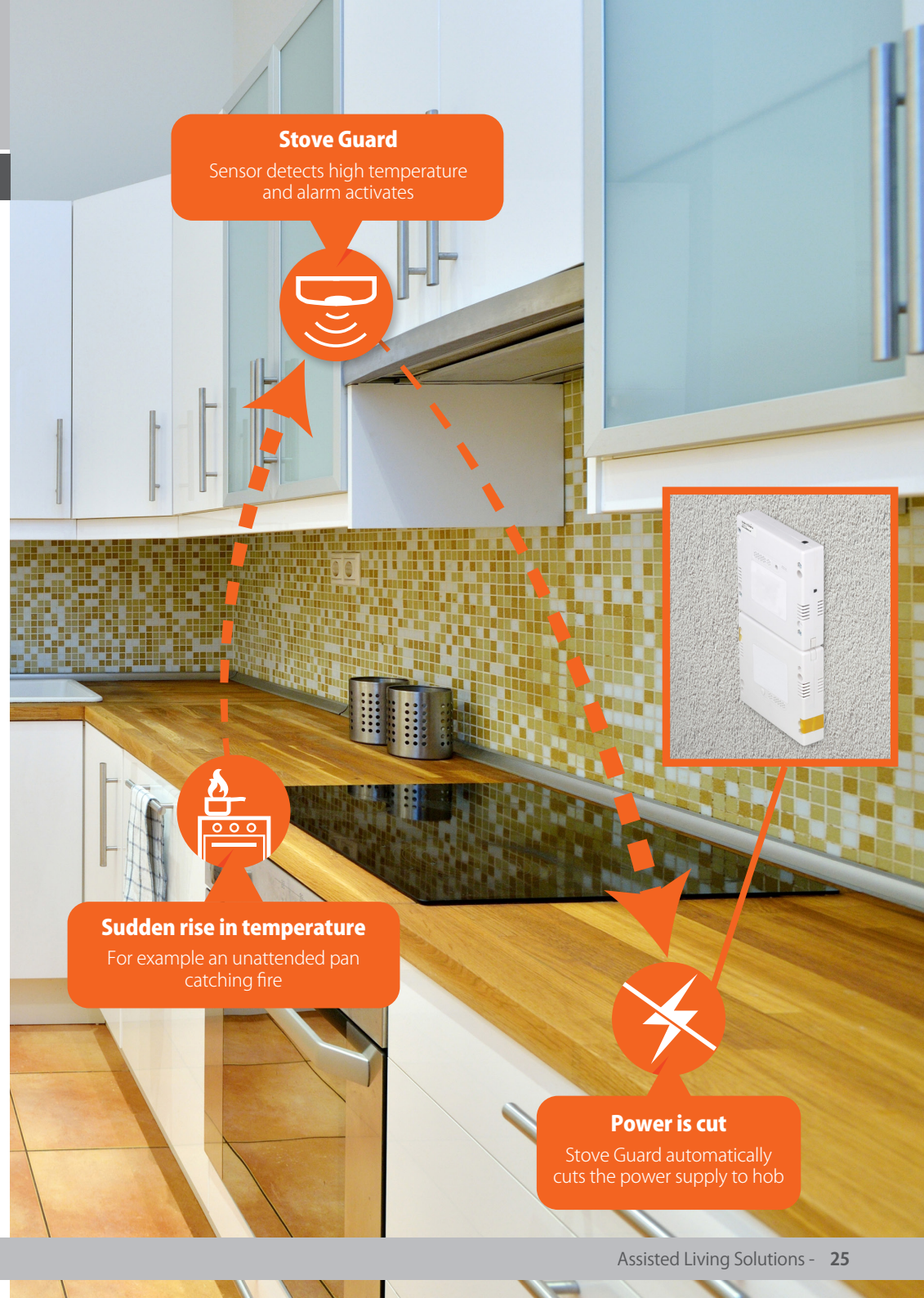
When the SGEL-SN-2 Stove Guard detects a high risk situation, it signals an alarm and turns the cooker off.



£456.50

62% OF ALL HOME FIRES START IN THE KITCHEN*

Stove Guard SGEL-SN-2 shuts off the cooker before a fire can start



Stove Guard

Sensor detects high temperature and alarm activates



Sudden rise in temperature

For example an unattended pan catching fire



Power is cut

Stove Guard automatically cuts the power supply to hob



ASSISTED LIVING SOLUTIONS

With Smart RF technology for Wireless Interlink



Mains Powered
With Rechargeable
Battery Back-Up



SMART RF
Wireless interlink



5 YEAR WARRANTY

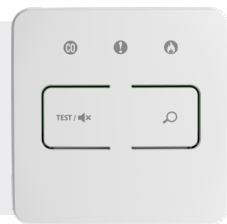
FS1552W2-T

Combined Strobe and
Vibrating Pad



- The FS1552W2-T is designed to provide additional protection to those with hearing loss, who may not hear the audible alarm from a smoke, heat or carbon monoxide alarm.
- Compatible with and activated by any Smart RF enabled device.
- The flashing strobe provides a visual warning for waking hours, while the vibrating pad may be placed under a pillow or mattress, and is suitable for linking to Smart RF wireless smoke, heat or CO alarms.
- The flashing strobe can be used independently from pillow pad.
- Can be wall mounted or free-standing, offering flexibility in positioning.
- Enables low level testing of all interlinked products in the network, avoiding the need to reach up to ceiling mounted alarms to test.
- Designed to meet BS 5446-3:2015.

£124.50



Test, silence, locate with our wireless alarm control unit our **FS1524W2-T** - see page 28.



Extend your network - fit a Smart RF Module to wireless interlink multiple mains and/or battery powered Smart RF devices to a network:

Mains Powered



SM-SN-1 SMART RF READY
Multi-Sensor Smoke Alarm



HM-SN-1 SMART RF READY
Enhanced Heat Alarm

Battery Powered



FS2126-T SMART RF READY
Wireless Interlink Multi-Sensor
Smoke Alarm



FS1326-T SMART RF READY
Wireless Interlink Carbon
Monoxide Alarm



FS1226-T SMART RF READY
Wireless Interlink Enhanced
Heat Alarm

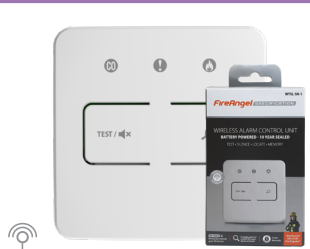


FS1524W2-T SMART RF
Wireless Alarm Control Unit

Wireless Alarm Control Unit - Test, Silence, Locate

FS1524W2-T

Wireless Alarm Control Unit



- The easiest way to Test, Silence and Locate Smart RF enabled wireless alarms.
- Test function - allows you to test all interlinked alarms from one centralised location.
- Silence function - silence all interlinked smoke and heat alarms.
- Locate function - silence all wireless interlinked alarms except the initiating alarm.
- Works with any Smart RF enabled device - wireless interlink multiple devices including smoke, heat and CO via a single network.
- Smoke, heat and CO alarm identification.
- 10 year sealed for life battery.
- Mixed system compatibility with wireless and hard-wired alarms.
- CE marked.
- 5 year warranty.

£48.00

Mains Powered Relays

RLYM-1EU

Mains Powered Relay with 10 Year Battery Back-Up



- To connect smoke, heat and CO alarms to other external devices in a single network.
- RLYM-1EU mains version provides hardwire interconnect only.
- Can differentiate between smoke/heat & CO signals and can activate relay outputs independently from each other.
- 2 x NO/NC output relay contacts can be triggered by 230V alarms.
- Both relay outputs rated up to 250V ac-5A / 30Vdc.
- Output signals either pulsed or continuous via dip switch.
- Links with Telecare.
- 1 x input contact 12-24V DC.
- Low battery / end of life buzzer.
- Both relay contacts will fail safe.
- Test button for relay testing.
- CE marked.
- 5 year warranty.

£136.00

Extend your network - fit a Smart RF Module to wireless interlink multiple mains and/or battery powered Smart RF devices to a network:

Mains Powered Alarms



SM-SN-1

Multi-Sensor Smoke Alarm



HM-SN-1

Enhanced Heat Alarm

Battery Powered Alarms



FS2126-T

Wireless Interlink Multi-Sensor Smoke Alarm



FS1226-T

Wireless Interlink Enhanced Heat Alarm



FS1326-T

Wireless Interlink Carbon Monoxide Alarm



FS1524W2-T

Wireless Alarm Control Unit

WRLYM-1EU

Mains Powered Relay with Wireless Interlink



- To connect smoke, heat and CO alarms to other external devices in a single network.
- WRLYM-1EU mains version provides wireless interlink only.
- 2 x NO/NC output relay contacts can be triggered by 230V alarms.
- Both relay outputs rated up to 250V ac-5A / 30Vdc.
- Output signals either pulsed or continuous via dip switch.
- Links with Telecare.
- 1 x input contact 12-24V DC.
- Can be powered by 12V external adaptor (not supplied).
- Low battery / end of life buzzer.
- Both relay contacts will fail safe.
- Test button for relay testing.
- **Smart RF** - no module required - works with any FireAngel Smart RF device for wireless compatibility.
- CE marked.
- 5 year warranty.

£136.00

ACCESSORIES

Additional Fire Safety Accessories

EXS230-1

Mains Powered Weather Proof External Sounder



- The EXS230-1 is a compact, high output, 100dB(A) alarm sounder with low current consumption and high SPL in a robust fire retardant housing.
- Suitable for all general signalling applications including fire, security and process control.
- 10 selectable tones.
- Continuously rated.
- Stainless steel fixings.
- Mounting via internal BESA compatible fixing positions.
- Duplicate cable terminations (in & out for daisy-chain installations).
- 3 x side & 1 x rear 20mm knock outs.
- 5 year warranty.

£98.00

CH-1

Ceiling Halo



- The CH-1 will cover any marks left by previous installations, e.g alarms models with a different sized base plate, when upgrading to FireAngel mains alarms.
- Foam backing allows for easy fitting on uneven/textured surfaces.
- Designed for uneven ceilings.
- Reduces dust ingress.
- Saves on renovation costs.
- Complete with screw holes and wiring cut out.
- Specifically designed for FireAngel Specification and Mains range alarms.

£2.08

ACCESSORIES

Additional Fire Safety Accessories

FB100-AE-UK

Fire Blanket



- The FB100-AE-UK fire blanket has been designed to smother fire, cut off the air and eliminate the danger.
- Blanket size of 100 cm x 100 cm.
- Easy to install and to use in an emergency.
- Wipe-clean plastic casing.
- Also ideal for waste bins and clothing fires.
- Certified to BS EN 1869:1997.
- 1 year warranty.

£25.56

For use in: The Kitchen, the Garage or next to a BBQ

FE-P1-AE-UK

1kg Powder Extinguisher



- Dry Powder Fire Extinguishers are excellent multi purpose fire extinguishers - offering protection against class A, B, C fires and safe to use on electrical fires.
- These kite marked models are ideal for a wide range of domestic, industrial and commercial applications.
- Fights wood, plastic, paper, grease, oil, petrol and live electrical fires.
- Easy to read pressure gauge tells you the extinguisher is full and ready for use.
- Bracket included for easy mounting.
- 1kg ABC powder fire extinguisher.
- 8A 34B C rating.
- Certified to EN3.
- 2 year warranty.

£24.13

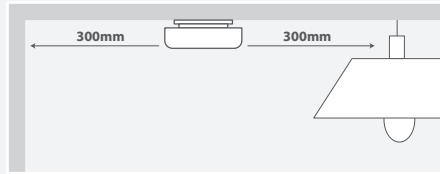
For use in: All areas of the home

REFERENCE INFO

Siting of Smoke Alarms*

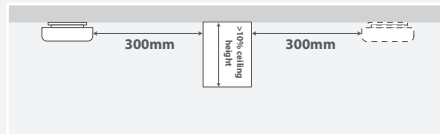
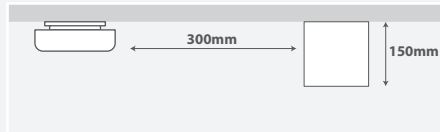
Flat ceiling

- Site at least 300mm from walls.
- Site at least 300mm from any light fittings.
- Site as centrally as possible.



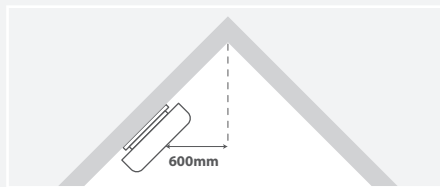
Flat ceilings with beams

- Site at least twice the depth of the beam away e.g. 150mm beam depth: site the alarm at least 300mm away from the beam.
- If depth of beam is greater than 10% of the ceiling height, the beam should be treated as a wall (alarms need to be on either side of the beam).



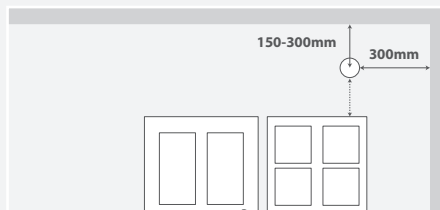
Pitched roof

- Site at no more than 600mm horizontally from apex.



Wall mounted

- The top of the detection element is between 150mm and 300mm below the ceiling.
- Site at least 300mm from a perpendicular wall.

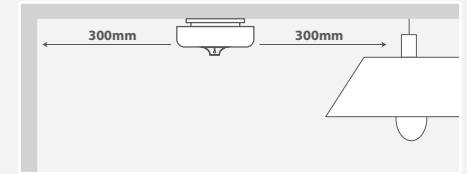


REFERENCE INFO

Siting of Heat Alarms*

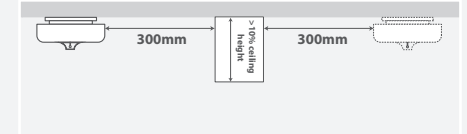
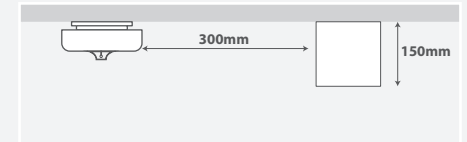
Flat ceiling

- Site at least 300mm from walls.
- Site at least 300mm from any light fittings.
- Site as centrally as possible.



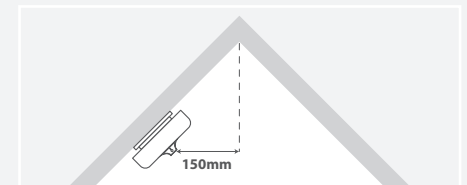
Flat ceilings with beams

- Site at least twice the depth of the beam away e.g. 150mm beam depth: site the alarm at least 300mm away from the beam.
- It is important that heat alarms are installed in the centre of the room with attention that they are not located too close to stoves and cookers.
- If the depth of the beam is greater than 10% of the ceiling height, it should be treated as a wall (i.e. detectors should be provided on both sides of the beam) or, if the beam is less than 600 mm in depth, a detector should be installed on the underside of the beam; in other cases, detectors should not be installed closer to the beam than twice the depth of the beam or 500 mm, whichever is less.



Pitched roof

- Site at no more than 150mm horizontally from apex.

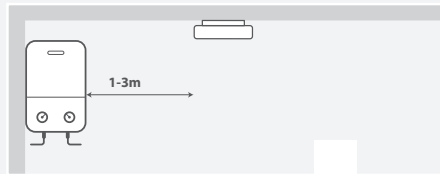
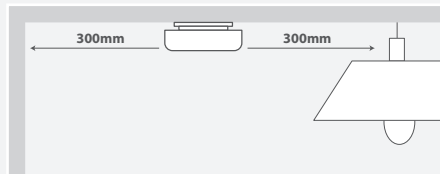


As per guidance in BS 5839-6 the general recommendations are for alarms to be mounted on the ceiling 300mm horizontally from any wall or obstruction (e.g. light fitting). We (FireAngel) appreciate in certain smaller rooms meeting this requirement may not be possible and as such where 300mm guidance cannot be met, the alarm may be sited closer to the light fitting/pendant.

When installing a CO alarm in a room where there is an appliance fitted

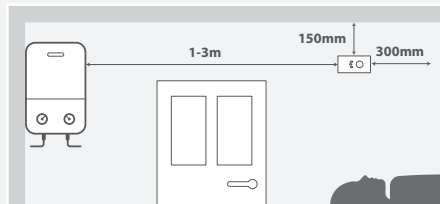
Ceiling mounted

- Site at least 300mm from walls.
- Site at least 300mm from any light fittings.
- Site between 1 to 3 metres from the fuel-burning appliance.
- If the room has a partition, site the alarm on the side of the appliance.



Wall mounted in bedrooms or any other room where an appliance is installed

- Site close to the ceiling but at least 150mm down, (above the height of any door or window).
- Site at least 300mm from a perpendicular wall.
- Site between 1 to 3 metres from the fuel-burning appliance.



When installing a CO alarm in bedrooms or rooms where no appliance is installed

Wall mounted

- Site at the breathing height of the occupants (bed height).
- Site at the breathing height of the occupants (seated height).



For Fire Detection and Fire Alarm Systems

The latest revision has updated the previously defined six system grades, removing Grade B and Grade E, whilst Grade D and Grade F are now split into Grade D1 / Grade D2 and Grade F1 / Grade F2 respectively. **New system grades are as follows:**

System Grades - for fire detection and fire alarm systems as per BS 5839-6:2019

- GRADE A** Separate detectors, sounders and central control and indicating equipment with back-up power supply that conforms to British Standards BS EN 54.
- GRADE C** A system of fire detectors and alarm sounders (which may be combined in the form of smoke alarms) connected to a common power supply, comprising the normal mains and a standby supply, with central control equipment.
- GRADE D1** A system of one or more mains powered detectors, each with a tamper proof standby supply consisting of a battery or batteries.
- GRADE D2** A system of one or more mains-powered detectors, each with an integral standby supply consisting of a user replaceable battery or batteries.
- GRADE F1** A system of one or more battery-powered detectors powered by a tamper-proof primary battery or batteries.
- GRADE F2** A system of one or more battery-powered detectors powered by a user-replaceable primary battery or batteries.

Mainly applied to standard UK housing

Please note: Grade B and E are no longer defined in BS 5839-6:2019

For Fire Detection and Fire Alarm Systems

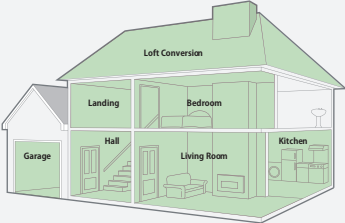
The three categories for fire detection and fire alarm systems are listed below - these outline where fire detection systems should be installed per category with additional recommendations to install heat alarms in kitchens:

LD1 MAXIMUM PROTECTION

Escape routes, high risk rooms plus all areas where a fire might start

The highest level of protection of all occupants who might occupy the dwelling over the lifetime of the fire detection and fire alarm system. A system installed throughout the premises, incorporating detectors in all circulation areas that form part of the escape routes from the premises, and in all rooms and areas, other than those with negligible sources of ignition, such as toilets, bathrooms and shower rooms.

Hallway, Landing, Living Room, Kitchen (Heat Alarm), Bedroom, Airing / Meter Cupboards, Loft, Garage



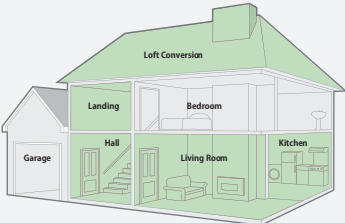
LD2 ADDITIONAL PROTECTION

Escape routes plus high risk rooms

A system incorporating detectors in all circulation areas that form part of the escape routes from the premises, and in all specified rooms or areas that present a high fire risk to occupants, including a heat alarm in any kitchen and a smoke alarm in principle habitable room(s).

Note: This is now the new minimum category for all rented properties and must include a heat alarm in the kitchen and a smoke alarm in principle habitable room(s).

Hallway, Landing, Living Room, Kitchen (Heat Alarm)



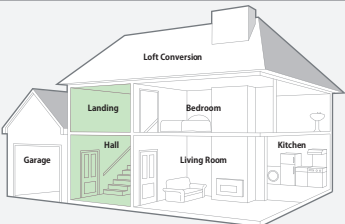
LD3 MINIMUM PROTECTION

Escape routes only

A system incorporating detectors in all circulation areas that form part of the escape routes from the premises. Smoke alarms should be installed in all circulation spaces that form part of escape routes such as:

Note: This minimum category now only applies to owner occupied bungalow, flat, single-storey unit or maisonette with no floor level above 4.5m from ground level or owner-occupied two-storey house.

Hallway, Landing



Minimum Grade and Category of Fire Detection and Fire Alarm System

Latest revisions include new minimum grades and categories of systems split by new build or existing property. Updates have been made to reflect current types of living conditions, see summary table below*:

Class of premises	Grade	Category	Further Notes to Consider
Rented New Build/Existing	Grade D1	LD2	Note D: Heat detectors should be installed in every kitchen. A smoke detector should be installed in the principal habitable room(s).
Sheltered Housing (Existing) With Individual Dwellings and Communal Areas	Individual Dwellings: Grade D2 Communal Area: Grade A	LD2	Note Q: Where sheltered housing is upgraded, electrical work such as a rewire is undertaken, or smoke alarms are replaced a Grade D (D1 or D2), Category LD1 system should be installed.
Sheltered Housing (New/Materially Altered) With Individual Dwellings and Communal Areas	Individual Units: Grade D2 Communal Area: Grade A Part 1 Recommendations	LD1	Note J: Detectors may normally be omitted from roof voids unless there are specific significant fire hazards such as gas boilers or electrical equipment for photovoltaic systems.
House of Multiple Occupancy (HMO)	Existing: Grade D1 New Build: Grade D1	LD2 LD1	Note D Note J Note N: If cooking facilities in room, install heat alarm
Owner Occupied < 200m floor area	New (<3 Storey): Grade D2 New (<4 Storey): Grade A	LD2 LD2	Note D Note D

Testing and Servicing By Grade

In conjunction with changes to Table 1, a new Table 3 has also been created, which outlines the recommended testing and servicing by grade per grade of detection – here is a summary of Table 3*:

Grade of detection	Type of fire detection & fire alarm system	Frequency of test by user	Testing action to be taken by user
A	Systems of a type described in BS 5839-1:2017	Weekly	As in BS 5839-1:2017
C	Fire detectors and fire alarms supplied with power from a common PSU, with central control equipment	Monthly	Press test button on central control equipment (if a fire alarm system has no test button, testing should be carried out in accordance with the manufacturer's or supplier's instructions, or advice should be sought from a service company)
D	Mains-powered smoke alarms, heat alarms or multi-sensor alarms with standby supplies	Monthly	Press test button
F	Battery-powered smoke alarms, heat alarms or multi-sensor alarms	Monthly	Press test button

New Minimum Standard for Rented Properties and Owner Occupied:

Rented Properties - New Minimum Standard now requires LD2 and D1 Grade alarms whether existing or new build plus note D

Owner Occupied - New Minimum Standard now requires LD2 and D2 alarms plus note D for new builds / materially altered
- Grade F2 alarms and LD3 min for bungalow / single storey unit but now with notes E), F) and G)

Where more than one smoke alarm is installed, all smoke alarms need to be interlinked (see 13.2c). Any heat alarms also need to be interlinked with the smoke alarms.

Notes:

- **13.2c)** In all premises, all smoke alarms and heat alarms (if provided) in Grade D and Grade F systems should be interlinked, such that, when fire is detected by any smoke alarm or heat alarm, an audible fire alarm warning is given by all smoke alarms and heat alarms in the premises.

Owner occupied properties:












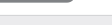
- **Note E)** A Grade F1 system should be installed if there is any doubt regarding the long term suitability or reliability of a battery powered system, i.e. the ability to replace batteries
- **Note F)** Where electrical work such as a rewire is undertaken, Grade (D1 or D2) category LD2 system should be installed
- **Note G)** Scottish Housing Act 1987 Order 2019 (11), Grade F1, Category LD2 systems are a minimum in existing dwellings





REFERENCE INFORMATION

2021 Product List (effective 1st March 2021)


MAINS POWERED ALARM

SKU code	Connectivity	Product Description	Pack Qty.	Trade Price ^(each)	Page No.
FireAngel Specification MAINS with 10 Year Lithium Battery Back-up (featuring Smart RF technology) 					
SM-SN-1		Multi-Sensor Smoke Alarm	10	£52.91	4
HM-SN-1		Enhanced Heat Alarm	10	£52.91	4
FS1524W2-T		Wireless Alarm Control Unit (Battery Powered)	10	£48.00	28
Smart RF Radio Modules (Fit into Smart RF Ready devices for wireless interlink) 					
FS1521W2-T-10		Smart RF Radio Module	10	£50.00	6
FS1521W2-T-100		Smart RF Radio Module	100	£46.00	6
FS1521W2-T-500		Smart RF Radio Module	500	£40.00	6
Connected Home - Wireless Gateway provides remote monitoring of Smart RF enabled alarms 					
FS1580W2-T-10		Spec Connected Wireless Gateway	10	£114.13	10
FS1580W2-T-100		Spec Connected Wireless Gateway	100	£103.75	10
FS1580W2-T-500		Spec Connected Wireless Gateway	500	£93.38	10
MAINS with Replaceable 9V Battery Back-up					
SW1-PF-T		Mains Optical Smoke Alarm, 9V Battery Back-up	10	£22.83	14
HW1-PF-T		Mains Heat Alarm, 9V Battery Back-up	10	£32.20	14
CW1-PF-T		Mains Carbon Monoxide Alarm, 9V Battery Back-up	10	£58.83	15
RF-BW-T		RF Interlink Base	10	£47.73	15


BATTERY POWERED SMOKE AND HEAT ALARMS

SKU code	Connectivity	Product Description	Pack Qty.	Trade Price ^(each)	Page No.
Smoke Alarms					
SB1-T		1 Year Optical Smoke Alarm, Zinc Carbon Battery	10	£7.68	17
ST-622T		Smoke Alarm 10 Year Battery	20	£21.79	16
FS2126-T		Multi-Sensor Smoke Alarm 10 Year Battery	10	£31.13	18
Heat Alarms					
FS1226-T		Kitchen Heat Alarm 10 Year Battery	10	£29.05	16


BATTERY POWERED CARBON MONOXIDE ALARMS

SKU code	Connectivity	Product Description	Pack Qty.	Trade Price ^(each)	Page No.
Carbon Monoxide (CO) Alarms					
CO-9BT		Replaceable Battery Carbon Monoxide Alarm	20	£22.83	17
CO-9XT-FF		7 Year Battery Operated Carbon Monoxide Alarm	20	£24.90	22
CO-9D		7 Year Battery, Digital Carbon Monoxide Alarm	5	£26.98	22
CO-9X-10T-FF		10 Year Battery Operated Carbon Monoxide Alarm	20	£26.98	20
FS1326-T		10 Year Battery Carbon Monoxide Alarm	10	£29.05	20


ASSISTED LIVING SOLUTIONS


SKU code	Connectivity	Product Description	Pack Qty.	Trade Price ^(each)	Page No.
FS1552W2-T		Combined Strobe and Vibrating Pad	10	£124.50	26
SGEL-SN-2		Electric Stove Guard (Electric Cooker Shut Off)	1	£456.50	24

ACCESSORIES

SKU code	Connectivity	Product Description	Pack Qty.	Trade Price ^(each)	Page No.
RLYM-1EU		Mains Relay with Lithium Back-up	4	£136.00	29
WRLYM-1EU		Wireless Mains Relay with Lithium Back-up	4	£136.00	29
CH-1		Ceiling Halo Gasket	4	£2.08	30
FE-P1-AE-UK		1kg Fire Powder Extinguisher	4	£24.13	31
FB100-AE-UK		Fire Blanket 1m x 1m	4	£25.56	31
EG-GASCO		Aerosol Spray for Testing CO alarms	12	£28.80	24
SA1500-ABS		Heat Sensor Bracket for Electric Stove Guard	1	£37.35	24
EXS230-1		External Sounder	1	£98.00	30
SGS 510		Heat Sensor for Electric Stove Guard	1	£103.73	24

Wireless Interlink - Smart RF Technology

 - Smart RF - no module required - works with any FireAngel Smart RF device for wireless compatibility

 - Smart RF Ready - Separate Smart RF module required for Smart RF wireless compatibility (FS1521W2-T)



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