

# DFS8M

## Wireless Optical Smoke Sensor with sounder

Intrusion is not the only risk faced by homeowners and business managers. Fire is a leading cause of accidental death with 70% of fire related fatalities occurring at night. By installing smoke detectors that are managed around the clock through the intruder alarm system, tragedies could be halved - a fact which is proven in countries where 80% of homes are equipped with smoke detectors.

The DFS8M is a wireless photo-electronic smoke detector suitable for residential and commercial applications. It detects all types of smoke and has a built-in siren for compliance with the EN14604 European standard. When the DFS8M is triggered, its integral sounder notifies occupants and the control panel sends a signal to the Alarm Receiving Centre (ARC) or to the end-users enabling swift action to be taken. Other messages which can be relayed to the ARC include tamper, maintenance, and battery condition.

End users benefit from peace of mind knowing that their smoke detectors are monitored round the clock for maintenance, as well as smoke detection, and service calls are automatically scheduled should the detector require cleaning or a replacement battery. Because the detector is wireless, it can easily be added to existing wireless and hybrid intruder alarm systems without disrupting business operations or the decor of any home.



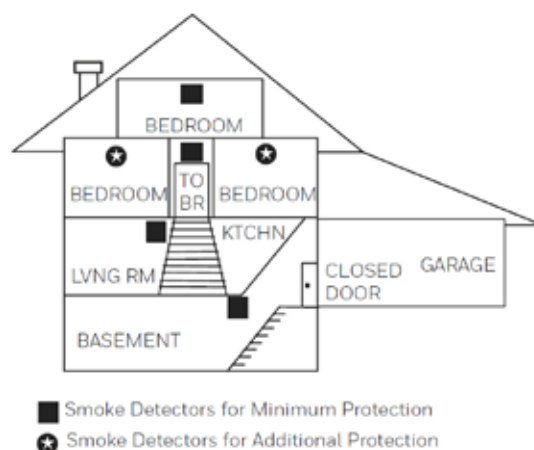
For more information on why Honeywell's wireless solutions are the right choice for you, please visit: [www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

## KEY FEATURES

- **State of the art optical sensing chamber :** Detects all types of smoke using the light scattering principle with infrared light to measure the amount of smoke in the chamber every 40 seconds.
- **Built in piezoelectric sounder**  
Ensures maximum life safety by triggering an audible siren locally and meets requirements for compliance to new EN14604 European standard.
- **Battery life**  
Long 10 year battery life reduces maintenance costs
- **High performance wireless** narrow band, FM radio frequency 868-870 MHz band with anti-jamming
- **Test button**  
Offers end user peace of mind and installers a swift method of testing the detector
- **Full compliance with EN Standards**  
Designed in accordance with EN50130-4:1995, EN61000-6-3:2001, EN14604, Class B, Security Grade 2, Environmental Class II to meet all current legislative requirements.

# DFS8M Technical Specifications

DETECTION	
Coverage	100m <sup>2</sup> (for wide open areas. It is recommended to install one sensor per room and every 7m for long corridors)
Sensing technology	Photoelectric optical
Supervision	Every 40 seconds
Warning alerts	Low battery detection, Dirty sensor" signal
POWER	
Battery	Life cycle soldered battery
Battery life	> 10 years
COMPATABILITY	
Domonial Le Sucre™ Total Connect Box	All versions
RADIO	
RF Type & Frequency	Narrow band, 868MHz
Radio Range	1000m open field
Protocole	Alpha
MECHANICS	
Tamper	Yes
Dimensions (mm)	Ø 120 x 50
Operating temperature	-0°C to + 45°C
Storage temperature	-20°C to 70°C
Relative humidity	5% to 95%, non-condensing
Weight	215g
SOUNDER	
85dB @ 3m	
APPROVALS	
CE, EN14604	
ORDER CODES	
<b>DFS8M</b>	Wireless Optical Smoke Sensor with sounder



## For more information

[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

Fax: +44 (0) 1698 738300

email: [securitysales@honeywell.com](mailto:securitysales@honeywell.com)

## Honeywell Security and Fire

Newhouse Industrial Estate

Motherwell

Lanarkshire

ML1 5SB

Scotland

Tel: +44 (0)844 8000 235

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

Honeywell reserves the right to alter the specification of products without notice.

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