



# Technical Data

## Mains Combo Smoke/Heat Alarm

### Brief product description:

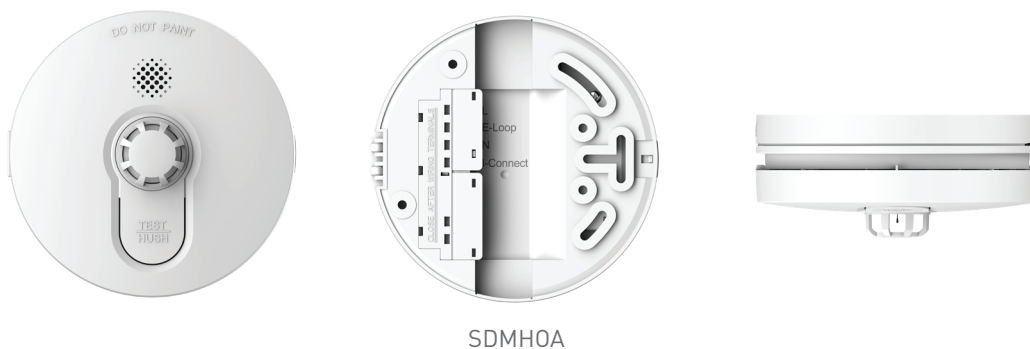
This BG mains powered combined smoke & heat alarm is ideal for use in loft or attic spaces, and is less prone to false alarms in dusty environments vs. a stand alone smoke alarm.

This alarm can be interconnected with the wider range of BG interconnected alarms for complete coverage.

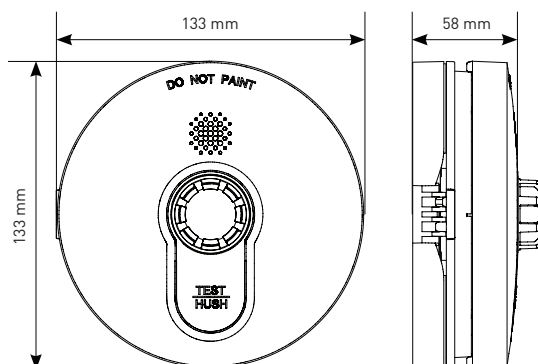
### Features:

- Recommended for use in attic and loft spaces where photovoltaic installation invertors are fitted
- Hardwired combo smoke and heat alarm wires directly in to your home electric system
- 10 year lithium sealed in back-up battery
- Interconnecting: connect up to 24 heat and smoke alarms, or up to 12 alarms when including a CO alarm
- Wireless RF feature allows you to silence and test the alarm remotely using the SDMREM wireless remote
- Connect wirelessly to other BG Combo/Smoke Heat alarms to create a hybrid system for ultimate convenience
- Hush function allows the alarm to be temporarily silenced
- Test function, fault and low battery warnings to assist with alarm maintenance
- Colour coded terminals for straight forward installation
- Dust cover (included) prevents contamination of the device during installation
- Certified to BS 5446-2:2003 and EN 14604:2005+AC:2008, third party tested and approved by TUV
- 10 year guarantee

### Product Images





### Line Diagrams





# Mains Combo Smoke/Heat Alarm

## Technical Specifications

Standard(s)	BS5446-2:2003 and EN 14604:2005+AC:2008	
Classification	Class 2	
Mains Power	230V~ 50Hz, max 80mA	
Battery Backup	9V lithium battery	
Capacity	20-40m <sup>2</sup>	
Alarm Volume	85dB(A) at 3m	
Heat Sensitivity	58°C to 70°C	
Hush Time	Approx 10 minutes	
Interconnecting	Max 24 alarms (wired 150m maximum) or 12 alarms if a CO alarm is included in your system. Up to 48 wireless alarms.	
Battery Life	10 years (AC power down <2 months)	
Alarm Sensitivity	0.125-0.18dB/m	
Sound Pattern	ISO8201(BI 0.5s - pause 0.5s - BI 0.5s - pause 0.5s - BI 0.5s - pause 1.5s, with the RED LED flashing, repeat this alarm pattern)	
Mounting Position	Ceiling (distance from side wall should be over 50cm) Wall (min 10cm - max 30.5cm from ceiling)	
Wiring	Use a minimum of 1.5mm <sup>2</sup> 250V insulated wire for all wiring, including interconnecting wiring	
Max Wiring Length	150m between first and last alarm	
Product Lifetime	10 Years	
RoHS Directive	Yes	
WEEE Directive	Yes	

## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
SDMH0A	Combo Smoke/Heat Alarm	Colour Box	Carton	Carton	1	6	48	5050765263986	5050765263993	5050765264006

## Weights & Dimensions

Cat No.	Description	Dimensions (H x W x D) cm				Weight (kg)				CBM (m <sup>3</sup> )
		Unpacked Product	Packed Product	Inner Box	Outer Box	Unpacked Product	Packed Product	Inner Carton	Outer Box	Outer Box
SDMH0A	Combo Smoke/Heat Alarm	13.3 x 13.3 x 5.8	14.5 x 14.5 x 7.0	22.5 x 30.0 x 16.0	62.0 x 47.0 x 34.5	0.288	0.346	2.21	18.81	0.10053