OPTICAL SMOKE ALARM

HiSPEC
LIGHTING • FIRE & CO DETECTION

PRODUCT FEATURES:

- Hush Nuisance Alarms
- Loose Neutral Monitoring
- Loud 85dB Alarm
- Tamper Proof Design
- Low Battery Warning
- 10-year Life Lithium Battery
- RF Module Compatible (HSSA/MOD/RF-PRO)
- The Ultimate Retrofit Solution

DESCRIPTION:

The HSSA/OP/10 and HSSA/OP/10H is a 230v powered Optical Smoke Alarm with 10-year Rechargeable Lithium Batteries for Backup. The alarm contains a highly accurate sensor, thoroughly tested throughout the manufacturing process for fewer false activations and has been extensively calibrated for optimal fire safety.

TECHNICAL SPECIFICATION:

Grade of Alarm:	D1
Detection Type:	Optical Smoke
Power Source:	220-240v AC 50Hz
Backup Power Source:	Lithium Battery with 10-year Life
Approved/Manufactured To:	BS EN 14604:2005
Designed For Installation To:	BS5839-6:2019
Alarm Sound Level:	85db at 3m
Ambient Operating Temp:	0°C to 40°C
Ambient Operating Humidity:	5% to 95% (non-condensing)
Power Consumption (In Alarm):	≤40mA
Power Consumption (Standby):	≤10µA
Min/Max Cable CSA:	$0.75mm^2$ to $1.5mm^2$
LED Indicator Function:	Green = Mains Power, Red = Battery/Fault Status
Warranty:	5 years
Max Interconnected Units:	20
Max Hardwire Interconnect Distance:	150m
Max RF Connected Units:	20
Max RF Distance:	Open Area 80m, Enclosed Area 30m
Backup Battery Life (No Mains):	30 days
Storage Temperature:	-10 to 50°C
Storage Humidity:	0 to 90% (non-condensing)

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INSTALLATION LOCATIONS:

Hallways

Landings

Living Rooms

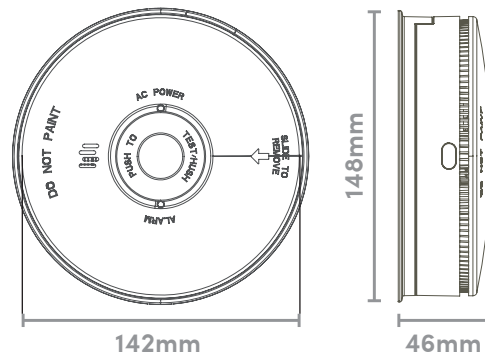**Dining Rooms**

Bedrooms

Loft Extensions

PRODUCT CONSTRUCTION:

Plastic Housing Material:
Fire Retardant ABS

Weight (Unboxed):
260g (Head – 175g)

Cable Entry:
Rear Entry and Side
(mini-trunking) Knockout

LINE DRAWINGS:

142mm

148mm

46mm

UKCA | CE

bsi
KM 792788
BS EN14604:2005

5 YR GUARANTEE

*All information is subject to change and should be verified before any critical action.

FIA
Fire Industry Association
MEMBER

ISO 14001 CERTIFIED
British Assessment Bureau

ISO 9001 CERTIFIED
British Assessment Bureau

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