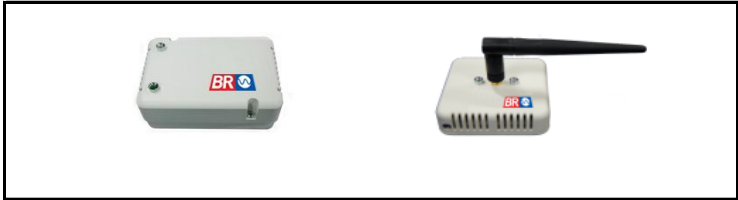


**Smoke Detector (SD) (Ambient) 200ppm-5000ppm LPG and C3H8, 300ppm-5000ppm C4H10, 5000ppm-20000ppm CH4, 300ppm-5000ppm H2 , 100ppm-2000ppm Alcohol Smart Box**

**Product Codes: SDAmSB1065**

The Smoke Detector Smart Box is designed to monitor for smoke, this makes it ideal for the silent detection of people smoking within offices and hotels.



Sensor Specifications	
Measurement Type	Ambient Smoke Levels
Operating Temperature	N/A
Storage Temperature	N/A
Measurement Range	200ppm-5000ppm LPG and C3H8, 300ppm-5000ppm C4H10, 5000ppm-20000ppm CH4, 300ppm-5000ppm H2 , 100ppm-2000ppm Alcohol
Response Time, (Sensitivity)	N/A
Repeatability	N/A
Accuracy	Detection, not measurement.
Life Expectancy	N/A
Sensor Type	Ambient
Sensor Cable Length	N/A
Certified	No

Smart Box Specifications	
Operating Temperature	-40°C to +85°C
Storage Temperature	-40 to 105°C
Air Data Rate	250 kb per second
Channels	16 (IEE 802.15.4 channels 11-26)
Hardware Supported Encryption	AES128
Analogue Digital Resolution	Up to 12 bits
Sample time for 12 bit conversion	680µs

BRITISHRESEARCH.COM

British Research Unit 4,  
Vale Enterprise Centre, Hayes Rd.,  
Sully, Vale of Glamorgan, CF64 5SY UK  
Tel. 0044 (0) 1446 734012  
Fax. 0044 (0) 5601 258134  
Web: www.britishresearch.com

Antenna Options (Range)	Code
Internal (60m)	i
Large (700m)	L
Right-Angle (300m)	R
Small Stub (300m)	S

Power Supply Option
Standard PSU mains
Water Resistant PSU mains
Battery 9V (Replaceable)
Battery (Rechargeable)
Solar & Battery (Rechargeable)

Smart Box Housing	IP Rating
Indoor	IP50
Outdoor Splash proof	IP51
Outdoor - water jet	IP65
Outdoor - Immersion	Contact Us
Outdoor Explosion Proof	Contact Us