

**PRODUCT** 

## 1SFWR

Ionisation Smoke Alarm with wireless capability

**DESCRIPTION** 



Mains-powered ionisation smoke alarm from the '*Slick*' range of fast-fit alarms that can be interconnected with up to 23 other Kidde and Firex mains alarms. Optional wireless capability using Wireless Alarm Base (**RF-SFTP**) for wire-free interconnection.

Rechargeable sealed-in Lithium cell back-up version

#### **KEY FEATURES**

- **Unique fast-fit system** with separate base plate, for ease of fitting and maintenance
- Integral, double-decker screwless terminal block for fast, push-fit connection
- Auto reset after activation with latching LED allowing the initiating alarm to be identified
- Separate Test and Hush™ buttons to test and temporarily silence nuisance alarms
- Sealed-in rechargeable Lithium cell for 6 months continuous operation in event of mains failure
- **Interconnectable** with other Kidde mains smoke and heat alarms and Kidde mains CO alarms using 'Smart Interconnect' technology
- **Tamper-resistant locking device** prevents unauthorised removal without the use of a tool
- Wireless capability use with optional Wireless Alarm Base (RF-SFTP) for RF interlink function
- **Deep Base** allows easier wiring
- **Tamper-proof batteries** sealed-in to prevent removal

WHERE TO USE

Ionisation alarms are for use in areas where there is danger from fast-flaming fires.

The 'Slick' range requires installation by a professionally qualified electrician and complies with UK Building Regulations for new housing and associated standards (Grade D, BS5839, Part 6).

### **GENERAL FEATURES**

Model	1SFWR		
Power Supply	230V mains-powered with recharge	eable sealed-in Lit	hium cell
Temperature Range	0°C to + 40°C		
Humidity Range	Up to 93% Relative Humidity (RH)	non-condensing	
Storage and Transport	-20°C to +60°C and 5-95% relative	humidity (RH) nor	n-condensing
Alarm Dimensions	135 x 135 x 60mm (including 'Slick	' mounting base)	
Alarm Weight	247g		
Warranty	10 years (including battery)	$\Theta$	
Approvals	BSI certified to BS EN14604:2005	A	
	CE tested and certified	EN14604: 2005 Licence no: KMS24754	0086-CPD-535595

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**POWER SOURCE** 

**SENSOR TYPE** 

230V mains Ionisation\*



### **TECHNICAL SPECIFICATION**

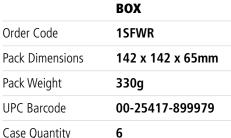
Note: Specifications are subject to variation by improvement and change

Sensor	Ionisation, metallic chamber with 24-slot entry inlet portals	
Source	Americium 241 (<1.0 microcurie, 37kBq)	
Button Test	Simulates the effect of smoke within the sensing chamber, checks electronics and sounder	
Automatic Self-test	Circuitry is tested every 40 seconds and unit beeps if fault is detected	
Supply Voltage	230V AC, 50 Hz (nominal UK voltage)	
Power Consumption	Maximum 80mA	
Battery Back-up	Non user-replaceable Lithium Polymer cell	
Battery Monitoring	Battery is monitored and unit emits a single chirp every 40 seconds if a fault is present	
Low Battery Warning	30-day low battery indicator	
Power-on Indicator	Continuous green LED	
Alarm Sounder	Electronic piezo-electric sounder (T3 pattern sound - three pulses - space - three pulses)	
Sound Output	85dB (A) minimum at 3 metres	
Alarm Frequency	3.2 kHz typical	
Alarm Status	Red LED flashes rapidly, typically once every 2/3 seconds = unit sensing a fire event  Red LED double flashes every 30 seconds = unit is triggering unit (press test button to unlatch)  Red LED flashes once every ten seconds = in hush condition (auto-reset after 7 minutes)  Red LED flashes once every 35 seconds = normal quiescent operation	
Interconnection	Up to 24 units (smoke, heat and CO) can be hardwire interconnected using SMART® interconnect system with optional control (see below) Up to 15 units can be wireless interconnected using appropriate Wireless Base RF-SFTP	
Optional Controls	Wireless Base Remote Test and Hush Unit (KN-RTH-RF) when used with Wireless Base	
Fixing	'Slick' mounting deep base as supplied	$\bigcup$
Base Cable Connect.	Screwless Terminal Block with slot release feature for conductor	

## **PACKAGED SPECIFICATION**



\* This product is designed to detect products of combustion using ionisation technology. This product contains 0.9 microcurie of Americium 241, a radioactive material.





Case Dimensions 155 x 305 x 210mm

Case Weight 2.3kg

ITF Outer Code n/a

