

Ei146RC - Optical Smoke Alarm

**Mains Powered 230V~
Alkaline Battery Back-up**

Key Features

- ▶ High performance optical sensor
- ▶ Hardwire Interconnect
- ▶ Remote Test, Locate and Silence compatible
- ▶ Easi-fit base
- ▶ Easy to use large Test/Hush button
- ▶ Memory feature
- ▶ 5 year guarantee

Product Description

The Ei146RC Optical Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles from smoldering fires. Powered by 230V AC with a 9V user replaceable Alkaline battery backup to ensure continuous operation (up to 3 years) in the event of a power failure.

The Alarm is supplied with the "Easi-fit" base to facilitate quick and simple installation, combined with easy detector head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the detector head slides on.

The Ei146RC may operate as a standalone Alarm or may be interconnected via hardwire to communicate with compatible Ei Alarms and accessories. Up to 12 devices can be interconnected. Interconnecting the Ei146RC with the Ei1529RC enables the user to Locate, Silence and Test the Alarms remotely.

The Alarm self-checks its sensor, battery voltage and internal circuitry every 40 seconds. A fault condition will be indicated by a short beep every 40 seconds.

The large Test and Hush button allows the user to check the operation of the Alarm. This will check the sounder, battery voltage and internal circuitry.

The memory feature allows an Alarm that has previously activated to be easily identified. This is indicated by 2 red led flashes every 40 seconds for 24 hours (after the event).



Technical Specification

Sensor Type:	Photoelectric
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Battery back-up:	Replaceable 9V alkaline battery back up
Sound Level:	85 dB(A) at 3m
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Silence function:	Silences alarm for 10 minutes
Visual indicators:	Green LED : Power Red LED: Self-check, alarm, hush & memory (if red LED is flashing while unit is beeping, the battery is faulty; if red LED is NOT flashing & unit is beeping, sensor is faulty)
Memory feature:	2 red flashes every 40s to indicate a previous alarm activation
Fixing:	Screw fixing and Easi-fit base supplied
Normal Operating and Storage Temperature Range:	-10°C to 40°C ¹
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 50mm Package - 180mm x 155mm x 62mm
Weight:	354g (Pack +55g)
Warranty:	5 year (limited) warranty
Approvals:	



KM522831
BS EN14604:2005

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.