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Ei Electronics®
fire + gas detection

Ei146RC - Optical Smoke Alarm

Mains Powered 230VAC with Alkaline Battery Back-up

Key Features

▼ Remote Test + Control – Wired & Wireless
▼ Integrated Piezo-electrical sounder
▼ Easi-fit base
▼ Insect screen
▼ Test/Silence button
▼ Memory
▼ Low battery Indication
▼ Hardwire Interconnect
▼ Wireless Interconnect when fitted with Ei168RC
▼ Kitemarked to BS EN14604:2005
▼ 5 year guarantee

Product Description

The Ei146RC is an Optical Smoke Alarm with 230V AC mains power supply and replaceable Alkaline battery back-up.

The Ei140RC family of Alarms have been designed for households and similar residential applications including HMO's (Houses in multiple occupation)

The Ei146RC is supplied with the Easi-fit base to facilitate quick and simple installation, combined with simple 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 to other Alarms via a wired or wireless system. For a wireless system each Alarm must be fitted with an Ei168RC RadioLINK base. When interconnected all Alarms in the system will sound if a fire is detected.

The Alarm is fitted with a Test / Silence button to facilitate frequent testing of your Alarm and System. The Silence function allows the Alarm / System to be silenced in the case of a false / nuisance alarm, e.g. cooking fumes.

The Ei146RC is fitted with a mains "power on" green LED indicator and yellow LED indicator for fault conditions.

The memory feature allows an Alarm that has previously activated to be easily identified.

Technical Specification

Sensor Type:	Optical
Supply Voltage:	230V AC, 50Hz
Battery back-up:	9V Alkaline Replaceable
Sound Level:	85 dB(A) at 3 meters
Temperature:	Operating - 0 to 40°C
	Storage - 0 to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Self-Test:	Smoke Chamber is automatically tested every 40 seconds and unit beeps (without red LED flash) if it is degraded
Insect Screen:	Prevents insects or debris entering chamber (1.00mm mesh size)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 55mm
	Package - 155mm x 155mm x 65mm
Weight:	410g (Incl. Pkg.)
Warranty:	5 year (limited) warranty
Approvals:	

CE   Kitemarked to BS EN14604:2005

Specifications are subject to change

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