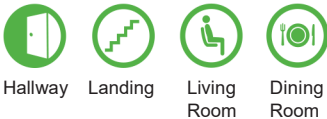# aico ®

Optical Smoke Alarm – Ei146RC

- Mains powered with a 9V Alkaline battery back-up
- Large capacity, proven optical sensor chamber
- Best for slow smouldering fires (e.g. sofas, TV)
- Optical sensor features built-in mesh screen for reduced insect and dust contamination
- New and improved *easi-fit* base for quick, reliable installation
- Compatible with RadioLINK™ interconnection
- Remote test with Alarm Controller- wired and wireless
- Integrated Piezo-electrical sounder
- Test/ Hush button
- Memory feature
- Low battery indication
- 10 Year life

FIT IN:

Hallway | Landing | Living Room | Dining Room

FOR WIRELESS INTERCONNECTION:

ADD Ei168RC

PRODUCT DESCRIPTION

The Aico Ei146RC Optical Smoke Alarm comes with 230V AC mains power supply and replaceable Alkaline battery back-up. It is best for detecting heat build-up from large flaming fires.

It 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 Optical Smoke Alarm 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/ Hush button to facilitate frequent testing of the alarm and system. The silence function allows the alarm/ system to be silenced in the case of a false or nuisance alarm, e.g. cooking fumes.

The Ei146RC Optical Smoke Alarm is fitted with a mains 'power on' green LED indicator and red LED indicator for false conditions.

The memory feature allows an alarm that has previously activated to be easily identified. This is useful if you have been away from the property at the time of the alarm event.

TECHNICAL SPECIFICATION

Sensor Type:	Optical
Supply Voltage:	230V AC, 50Hz
Power Consumption:	0.8W
Battery back-up:	9V Alkaline battery
Sound Level:	85 dB(A) at 3 metres
Temperature:	Operating - 0°C to 40°C
	Storage - 0°C to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Button Test:	Simulates the efect of smoke and checks chamber, electronics and horn
Self Test:	Smoke chamber is automatically tested every 40 seconds
Indicator LED's:	**Green** - Power
	Red - Alarm
Memory:	Red LED will flash twice every 40 seconds indicating recent Alarm event
Plastic material:	HIP UL 94 V0 Flame Retardant
Dimensions:	Product - 150mm x 55mm
	Package - 155mm x 155mm x 65mm
Weight:	320g (372g Boxed)
Warranty:	5 year (limited) warranty
Approvals:	

CE / Kitemarked to BS EN 14604:2005

Specifications are subject to change

Rev2 03/2019 KTS

ISO 9001 Quality Management | ISO 14001 Environmental Management | OHSAS 18001 Occupational Health & Safety Management

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