red SMOKE ALARMS

Data Sheet

RFMDUAL

Smoke Alarm, Photoelectric, Flush Mount, 230V or 3V 10 Year Lithium Battery

Key Information

Product brand	Red Smoke Alarms
Product or component	Smoke Alarm
Device application	Early detection of smouldering fires and open fires
Electronic sensor type	Photo-electric sensor
Colour	White (RAL 9003)
Quantity per set	Set of 1
Type of packing	Carton

Complementary

Power Supply	AC Mains or 3V Lithium Battery
Rated Supply Voltage	220...240 V AC
Backup Type	3V Lithium Battery (When on AC Mains)
Battery Life	10 Year
Output Voltage Limits	Interconnection : 6V...12V Low battery at 2.7V or Lower
Detection Type	Smoke
Function Available	Hush Function Self-test of smoke detection Local alarm
Control Type	Button for test/ hush function
Number of Devices	Hard wired interconnect up to 40 pieces
Operating Distance	N/A indoor use line of sight 140m in free field
Response Time	Approx. 8s
Noise Level	85 dB at 3 metres minimum
Time Delay Range	10 min for hush 10 hours for silence 10 hours for memory function
Local Signal	Sound : Alarm Sound : Signal Visual : 1 LED (red) for warning, low battery, fault and memory function Visual : 1 LED (green) when AC mains is on
Type of Installation	Indoor
Device Mounting	Flush (Cut-out hole size Ø 90mm)
Mounting Support	Ceiling
Fixing Mode	By screws
Alarm Diameter	110 mm
Protrusion from Ceiling	31 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability of reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Red Smoke Alarms PTY. LTD nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Wireless Interconnection

Wireless Compatibiliity	Compatible with RFMOD (Wireless Module)
Transmission Frequency	Radio Frequency 433.92 MHz
Number of device	Wireless interconnect up to 40 pieces
Operating Distance	30m indoor use line of sight 100m in free field

Environment

Ambient Air Temperature for Operation	0...45ºC
Relative Humidity	5...95%
Product Certifications	CSIRO
Standards	AS 3786 : 2014 / amd 2:2018

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red Smoke Alarms

Australia's Best Smoke Alarms

Call **1300 316 552**

Red smoke alarms are quite simply – Australia's best smoke alarms.

A genuine alternative to Clipsal, PSA, Brooks and the cheap imports, Red is the only brand of smoke alarms in Australia that comes with a 10 year warranty across the entire range of products.

www.**redsmokealarms**.com.au

Safety, Quality, and Reliability

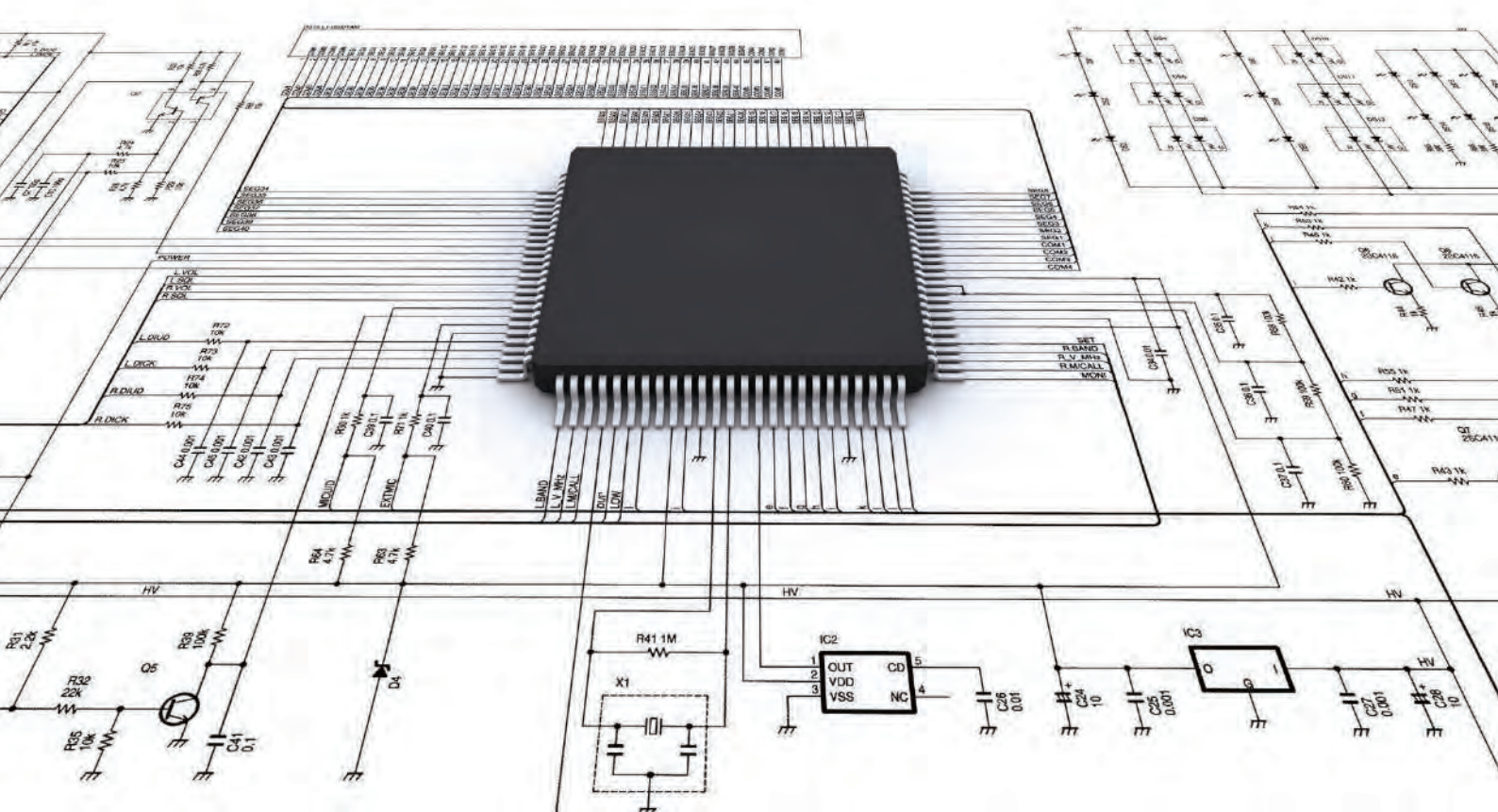
All Red smoke alarms are photoelectric, of the highest quality and certified to Australian Standard AS3786-2014. Red smoke alarms are of such high quality that we have no fear of time – every Red smoke alarm comes with a 10 year warranty – guaranteeing our smoke alarms for the life of the smoke alarm.

Quality and reliability is at the heart of every Red smoke alarm. Our manufacturing facility has been manufacturing smoke alarms for the Australian market for more than 20 years and is certified by UL Laboratories – one of the world's largest testing and certifying companies.

UL CERTIFIED®

SAFETY SIGNALING AU

S36341



Red Smoke Alarms -

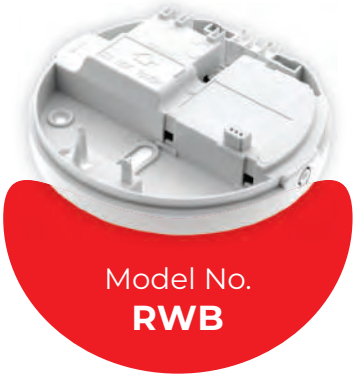
Committed to quality. Committed to you.

Photoelectric Smoke Alarm

- 240V AC Mains Power
- 9V DC Battery Backup

Photoelectric Smoke Alarm

- 240V AC Mains Power
- Rechargeable Battery Backup



RF Wireless Mounting Base

- 240V AC Mains Power
- Wireless Interconnect between R240 & R240RC

Photoelectric Smoke Alarm

- No Wiring needed
- 10 yr. Lithium Battery RF Wireless Interconnect

Photoelectric Smoke Alarm

- Never need to charge Battery
- 10 yr. Lithium Battery

Photoelectric Smoke Alarm

- No Wiring needed
- 9V Replaceable Battery

The **best invention** in smoke alarms .....since the **smoke alarm**

Finally a way to silence smoke alarms in the middle of the night

- Instantly silence alarms that are going off
- Instantly locate which alarm is false alarming
- Allows tenants to deal with false alarms - instantly and easily
- Silence alarms by simply pressing one button on the wall

Designed for Property Managers and Tenants

"As a property manager, I wouldn't upgrade the smoke alarms in any of my properties without including the Smoke Alarm Controller"

The Wireless Smoke Alarm Controller

- Completely wireless with 10 year lithium battery. No wiring required.
- One button – three functions. Test, locate and silence.
- Easy and quick installation.
- Talks wirelessly to the installed Red smoke alarms.

Why a property manager should never upgrade the smoke alarms in a property without including the Smoke Alarm Controller

When upgraded to meet the new Queensland legislation, most properties will have between 4-6 interconnected smoke alarms – if one goes off, they all go off – an incredibly loud and annoying experience. **What does a tenant do when this happens?**

With the Smoke Alarm Controller, there is no need for the tenant to put up with the incredibly loud noise, no need to run around the house trying to find out which smoke alarm is causing the problem, no need to get on a ladder – the alarms can be silenced from the one wall mounted switch.

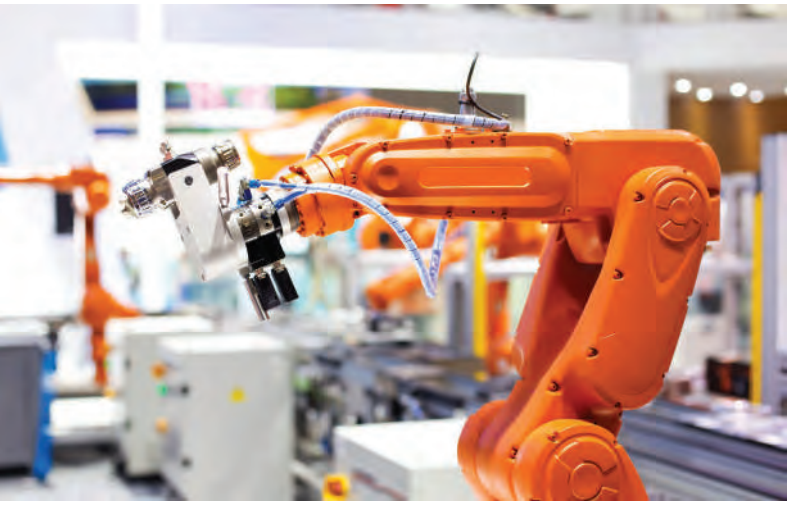
This will result in less maintenance calls to you (often in the middle of the night), less stress for your tenants and less cost for your owners. Tenants won't need to break a smoke alarm to stop it going off, saving replacement costs.

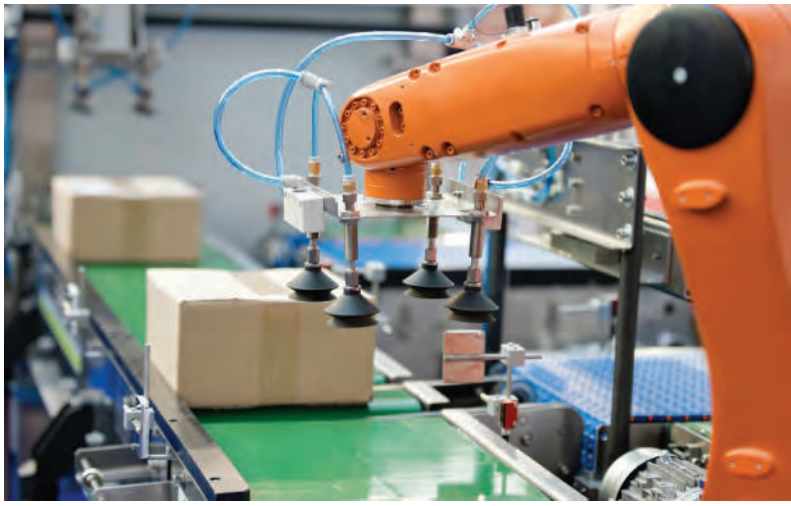
No property should have their smoke alarms upgraded and interconnected **without** including the **Smoke Alarm Controller.**

Quality Control

Red smoke alarms have been designed to be of the highest quality with outstanding reliability. Manufactured in our state of the art smoke alarm manufacturing facility-quality is at the heart of everything we do.

Every Red smoke alarm has to pass countless quality control checks throughout the manufacturing process, ensuring that Red smoke alarms are the most reliable, functional smoke alarms in Australia. Quite simply- Red smoke alarms are Australia's best smoke alarms.





Model	R240	R240RC	R10
Type	240V	240V	10 Year
Power Source	220-240 V.a.c. 50 Hz	220-240 V.a.c. 50 Hz	3V DC Sealed Battery
Secondary Power Source	9v DC carbon zinc or alkaline battery	Rechargeable sealed lithium battery	
Sensing Technology	Photoelectric	Photoelectric	Photoelectric
Battery Life	1 Year	10 Year	10 Year
Interconnection	40 alarms 20 alarms for wireless	40 alarms 20 alarms for wireless	
Sound Level	85dB at 3m max	85dB at 3m max	85dB at 3m max
Time Delay	10 minutes for hush	10 minutes for hush	10 minutes for hush
Dimensions	140mm x 55mm	140mm x 55mm	140mm x 55mm
Relative Humidity	5% to 95%	5% to 95%	5% to 95%
Standards	AS 3786:2014	AS 3786:2014	AS 3786:2014

Model	R10RF	RWB	R9
Type	10 Year RF	Wireless Base	9V DC Battery
Power Source	3V DC Sealed Battery	220-240 V.a.c. 50 Hz	9V Replaceable Battery
Rated operational current		40mA maximum	10mA
Sensing Technology	Photoelectric	Photoelectric	Photoelectric
Battery Life	10 Year	10 Year	<40mA at 9V
Transmission frequency	20 alarms for wireless	40 alarms	
Operating distance		30m indoor use line of sight, 100m in free field	
Sound Level	85dB at 3m max		85dB at 3m max
Remote Control Type		Only with wireless remote control switch with max 30m	
Time Delay Range	10 minutes for hush	2 minutes for pairing	10 minutes for hush
Dimensions	140mm x 39mm	140mm x 55mm	100mm x 34mm
Standards	AS 3786:2014	AS 3786:2014	AS 3786:2014