

## SA-14

### Optical Smoke Detector with RF Base

Rosslare's SA-14 is one of a powerful line of high performance indoor wireless smoke and heat detectors, ideal for residential, commercial, and institutional applications. Encased in a compact, elegantly designed shell, the SA-14 provides the most reliable, convenient, and cost effective solution for smoke and fire detection.

With the SA-14, you can sleep easy. This battery-powered unit packs advanced features such as field-proven wireless technology, detector removal tampering and low battery messages, ultra-bright LED indicator, and local alarm sounder.

### General Description

The SA-14 optical smoke detector is an indispensable component in any security system.

The heart of the SA-14 is a built-in supervised wireless transmitter and a built-in local piezo-electric siren for alarm and beep generation for low battery condition. A self-test button with an integral LED is located on the head of the unit. The unit beeps every 60 seconds when the battery is low.

The SA-14 optical smoke detector comes in one package with the integrated SA-13 RF Base, adaptor, and two 9 volt alkaline batteries (one for head and one for base). The units are ready to install and enroll onto one of Rosslare's wireless security and automation panels, or universal receivers at the press of the test button.

When sufficient smoke is detected, the detector sounds its alarm horn and the transmitter sends an alarm message to the security system.



### Main Features

- Fully supervised: RF signal sent to control unit every 20 minutes
- Low battery RF sensing and reporting signal
- tamper detection feature detects removal of the smoke detector from the base
- Ultra-low battery consumption
- Local piezo-electric siren and beeper
- RF base low battery signal
- Compact and conspicuous elegant design
- Twist-on detector head for easy installation

### PROFESSIONAL GRADE FEATURES

- Multi Application Base Unit (SA-13)
- RF long range special antenna construction for 200 to 250 meters open space range with selected panels
- Adjustable RF power and frequency to produce units to meet the requirements of almost any country
- Base LED visual indication flashes during the transmission to show that the base unit RF is functioning properly

# SA-014 Optical Smoke Detector with RF Base



## Product Specifications

<b>ELECTRICAL SPECIFICATIONS</b>	
• Battery	Two 9V alkaline batteries (one for head and one for base)
• Battery consumption	Standby 16 uA; transmit 10 mA
• Battery life expectancy	Two years (typical usage)
• Alert signal	LED indicator for transmissions
• Sounder	85 dB
• Tamper	Detector removal
<b>OPERATING SPECIFICATIONS</b>	
• Operating environment	Indoor use
• Operating temperature	4.4° - 37.8° C (40° - 100° F)
• Operating humidity	0% to 95% (non-condensing)
• RFI protection	>20 V/m up to 1000 MHz
• Included components	SA-13 RF base
<b>PHYSICAL SPECIFICATIONS</b>	
• Dimensions (L x W x D)	3.5 X 2.5 X 2.2 in (90 x 65 x 52 mm); fits US Gang box
• Weight	96 g (3.4 oz.)

## System Components

The SA-14 Optical Smoke Detector is compatible with Rosslare's wireless control panels and accessories, including: Homelogix™, SP-03, safety sensors, sirens, and remote controls.



## Additional Information

The SA-14 Optical Smoke Detector is a high-quality electronic product developed and manufactured under ISO9001:2000. It is covered by the RSP 2-year Limited Product Warranty.

Please visit our website for documentation and sales information: <http://www.rosslaresecurity.com/>



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