



SAGITTARIUS

SG100 Wireless Optical Smoke Detector



INTRODUCTION

The analogue addressable wireless optical smoke detector is based upon the light scattering Tyndall effect through a new and patented detector chamber.

The centrally located bicolour LED guarantees 360° visibility and provides a series of information on the device status.

Symmetrical smoke chamber guarantees optimal smoke sensitivity from all directions.

The double dust trap protects the smoke chamber from airborne contamination and external light

High rejection to false and unwanted alarms. High reliability, easy and secure installation.

Long battery life

Tamper indication

Reed switch facility allowing testing using a magnet

FEATURES & BENEFIT

- Designed to meet the standard EN54-7 and EN54-25
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Automatic wireless channel hopping
- Fully intelligent
- High reliability and sensitivity
- Utilises standard low cost lithium battery technology, fully monitored
- Immediate transmission of alarm, fault and tamper

Technical Specifications

Communication range with the VW2W100 or SGW2W (open space)	600m
Operating frequency	868-870 MHz
Modulation type	FSK
Operating frequency channels	7
Primary battery (5 years)	CR123A
Secondary battery (2 months)	CR2032A
Operating temperature range	-30°C - +55°C