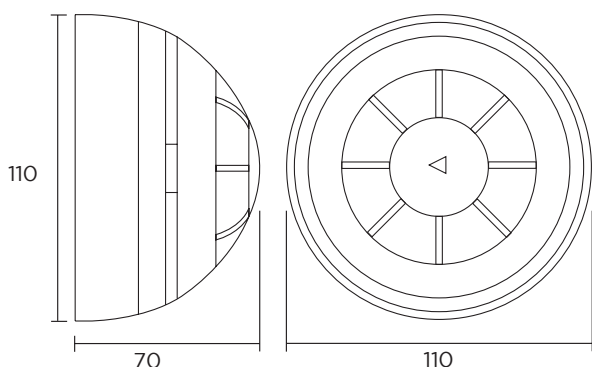## Description

The **STW2000** wireless multi-criteria detector is the latest in wireless multi-criteria detector technology. The detector is a fully intelligent device combining both smoke and heat detection technologies for improved performance, whilst maintaining high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.

Key features

- Advanced dual optical chamber design
- Twin alarm LEDs for 360° visibility
- Multiple operating settings
- Advanced drift compensation
- Bi-directional wireless communication
- Can be used with Taurus addressable and conventional translators
- 22 pairs of field channels
- Long communication range (1 km in open air)
- Dual channel redundancy
- 10 year battery life
- Utilises standard low cost lithium battery technology
- Device identification tab
- Security screw to prevent tampering and unwanted removal
- Easy scan & link programming option
- 3rd party approved
- 5 year product warranty
- Tri-coloured LED
- Thermal part Category A1R approved

Technical information

*Note: Approved range.
Certified device performance may vary depending on the approval body.

Technical specifications

Operating frequency range	868 – 870 MHz
Max radiated power	14dBm (25mW)
Dimensions	110mm x 70mm
Weight (without batteries)	155 g
Batteries	2x CR123A
Operating Temperature	-10°C to +55°C
Max humidity (non condensing)	95% RH
IP rating	40

Standards & approvals

- EN54-5 : Heat detectors -Point heat detectors
- EN54-7 : Smoke detectors   Point smoke detectors that operate using scattered light, transmitted light or ionization
- EN54-25: Components using radio links

Base compatibility

This device is supplied with a standard base and is compatible with the following sounder bases:
- **FDTWBS** Wireless Sounder Base
- **FDTWBSLW** Wireless Sounder Base + beacon white light
- **FDTWBSLR** Wireless Sounder Base + beacon red light