



Key Features

EN54-25 approved



868 – 870 MHz operating frequency



Powered by lithium metal batteries



Modern design



360 degree LED indication



Overview

The Wi-Fyre wireless heat detectors are available in three variants:

The Wi-Fyre Wireless A2R Heat Detector consists of a ProFyre ROR heat detector head combined with the Wi-Fyre wireless base. The ROR heat detector uses a thermistor arrangement to sense a quick rise in temperature and also a final threshold temperature of 57°C.

The Wi-Fyre Wireless A2S Heat Detector consists of a ProFyre fixed heat detector head combined with the Wi-Fyre wireless base. The fixed heat detector uses a single thermistor arrangement that gives an alarm at a temperature of 57°C.

The Wi-Fyre Wireless CS Heat Detector consists of a ProFyre fixed heat detector head combined with the Wi-Fyre wireless base. The fixed heat detector uses a single thermistor arrangement that gives an alarm at a temperature of 90°C.

Approvals

Wi-Fyre is approved by TUV for safe use and installation in any European Union country and bears the CE mark to show that it complies with all the applicable Directives including the CPR, EMC and the Low Voltage Directive (LVD).

EN54-25:2008

Fire detection and fire alarm systems – components using radio links.

Tech Specs

| | |
|--------------------------------|---|
| Alarm Condition | Wi-Fyre Wireless A2R Heat Detector: 57°C Wi-Fyre Wireless A2S Heat Detector: 57°C Wi-Fyre Wireless CS Heat Detector: 90°C |
| Detection Coverage | Wi-Fyre Wireless A2R Heat Detector: 50m ² Wi-Fyre Wireless A2S Heat Detector: 50m ² Wi-Fyre Wireless CS Heat Detector: 50m ² |
| Operating Frequency | 868 – 870 MHz, 14dBm |
| Wireless Range | 150m open area |
| Power Source | 4 x Lithium AA Cell (Saft LS14500) |
| Battery Life | Up to 3 years |
| Dimensions (Diameter x Height) | 103 x 71mm |
| Weight (Including Batteries) | 330g |
| Housing Material | Polycarbonate |
| Colour | White |
| Tamper | Detector and/or base removal |
| Applicable Standards | EN54-25, BS 5839 Part 1:2002, ENTSI 300:220 |

Ordering Information

| Part Number | Description |
|-------------|---|
| 10-011 | Wi-Fyre Wireless A2R (ROR) Heat Detector with Batteries |
| 10-012 | Wi-Fyre Wireless A2S (Fixed) Heat Detector with Batteries |
| 10-014 | Wi-Fyre Wireless CS (Fixed 90°C) Heat Detector with Batteries |