



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 Optical Detector consists of a optical smoke detector head combined with a Wi-Fyre wireless base. The Wi-Fyre Optical Smoke Detector uses a pulsing IR LED & photo diode to detect IR scatter caused by smoke entering the chamber.

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	2.4% obs/m
Detection Coverage	100m 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

Tech Specs

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
10-010	Wi-Fyre Wireless Optical Detector with Batteries