



Wireless Input/Output Unit

✓ Key Features



EN54-25 approved



868 - 870 MHz operating frequency



Powered by lithium metal batteries



Sufficient cable space



Available in red or white



i Overview



The Wi-Fyre Wireless Input/Output Module has been designed to provide a means to trigger an alarm or fault from ancillary input operations and/or to switch remote equipment in the event of an alarm condition. When operating together with a transponder set to mode 5, it can also be used as a reflective input/output device to wirelessly interconnect two or more stand-alone fire alarm panels together.



Approvals

All Wi-Fyre Devices are fully certified to EN54-25 - the European product standard for wireless fire alarms, which necessitates third party assessment to confirm that it meets very specific requirements.

Wi-Fyre also complies with ENTSI 300:200 - the standard requirements for the Radio Equipment Directive (RED), and BS 5839-1 - the code of practise for design, installation, commissioning and maintenance of fire alarm systems in non-domestic premises.



EF-110-DoP-1

1008-CPR-MC 69251487
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Tech Specs

Radio

 Operating Frequency	868 - 870 MHz, 14dBm
 Range	150m open area

Input/Output

 Input End-of Line	Normal = 22k Ohm, Alarm = 1k Ohm
 Manual Alarm Relay Contact	1 x Solid-state normally open, 60Vdc, 600mA
 Automatic Alarm Relay Contact	1 x Solid-state normally open, 60Vdc, 600mA
 Common Fault Contact	1 x Solid-state normally closed (failsafe), 60V, 500mA

Electrical

 Power Source



4 x Lithium AA Cell (Saft LS14500)



2 x Lithium C Cell (Saft LS26500)

 Battery Life

Up to 3 years

Environmental

 Operating Temperature	-10 to +55°C
 Humidity	93% rH (non-condensing)
 Ingress Protection	IP21
 Design Environment	Indoor use only



Tech Specs

Mechanical

 Housing Material ABS

 Colour



Red



White

Size & Weight

 Size



 Weight 0.44kg (0.97 lbs)

Ordering Information

Part Code	Description
10-060	Wireless Input/Output Unit with Batteries, Red
10-061	Wireless Input/Output Unit with Batteries, White
10-081	Wireless Sounder & I/O Lithium Metal Battery Pack