Hyfire
wireless fire solutions

PRODUCT DATASHEET

HFW-CEM-02

WIRELESS CONVENTIONAL INTERFACE MODULE

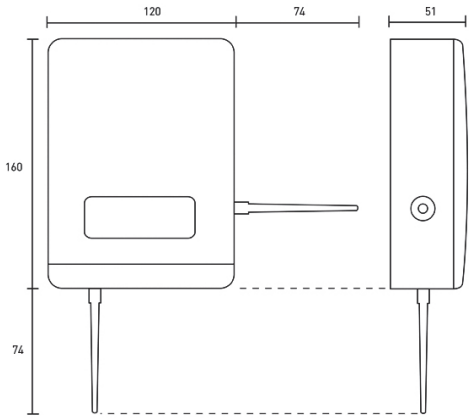
The Hyfire HFW-CEM-02 Conventional Expander Module has been designed to allow the integration of wireless detection and alarm type field devices into almost any type of system. Regardless of whether the system is intelligent or conventional the unit can be simply connected to a conventional zone, sounder circuit or both, directly or via loop modules. The wireless field devices connect to the system as non-addressable devices, however still utilise the same well-proven wireless technology as Hyfire intelligent wireless devices and are fully monitored for alarm and fault, ensuring the highest levels of life safety and reliability are maintained.



KEY FEATURES

- 3rd party Approval to EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for mounting in challenging environments
- Low current consumption
- Devices are fully monitored for alarm and fault
- Compatible with up to 7 expander modules
- Proven wireless technology
- Compatible with most system types
- Site programmable

TECHNICAL INFORMATION



TECHNICAL SPECIFICATION

Power supply range	9Vdc – 30Vdc
Typical current consumption	26mA (@24Vdc)
Operating frequency range	868 MHz - 870 MHz
Max radiated power	5dBm (3mW)
Operating frequency channels	7
Communication range with an Expander Module	⩽ 250m (in open space)
Communication range with wireless field devices	⩽ 150m (in open space)
Max no of devices (per CEM)	32
Temperature range (no icing)	-10°C to 55°C
Max humidity (non condensing)	95% (RH)
IP rating	65
Weight	330 g

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

STANDARDS & APPROVALS

- BS EN 54-18:
  Input / Output Devices
- BS EN 54-25:
  Components using radio links and system requirements

CE 0832

LPCB 928n

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