

PRODUCT DATASHEET

HFW-W2W-E-01

WIRELESS TRANSLATOR MODULE (DYNAMIC)

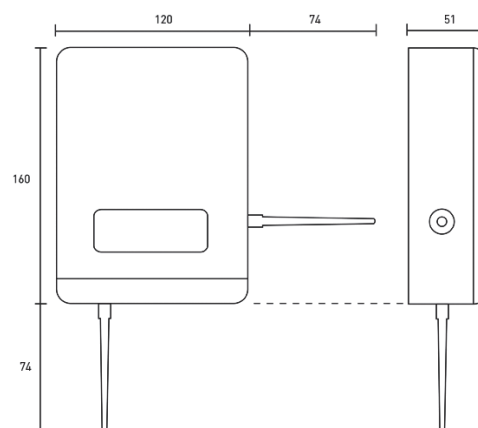
The HFW-W2W-E-01 Enhanced Translator Module is one of the core components of the Hyfire intelligent hybrid fire detection and alarm system. When connected on to a compatible loop the unit is capable of linking up to 127 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems. In the event of communication disruption, system redundancy is achieved by the use of well-proven multi path dynamic communications between translators and expanders, ensuring the highest levels of life safety and reliability are maintained.



KEY FEATURES

- Loop Powered
- Dual path communication with expanders
- 3rd party approval to EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for mounting in challenging environments
- Compatible with up to 15 Hyfire expander modules
- Low current consumption
- Supports full device intelligence
- Site programmable

TECHNICAL INFORMATION



TECHNICAL SPECIFICATION

■ Loop power supply range	18Vdc – 40Vdc
■ Operating frequency range	868 MHz - 870 MHz
■ Max radiated power	5dBm (3mW)
■ Communication range with the Expander Module	≤ 250m (in open space)
■ Communication range with wireless field devices	≤ 150m (in open space)
■ Max. no. of devices (per TXLTR)	127
■ Max. no. of Expander Modules	15
■ IP rating	65
■ Weight	300 g
■ Typical current consumption	20mA (@ 24V dc)
■ Temperature range (no icing)	-10°C to 55°C
■ Max humidity (non condensing)	95% (RH)

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

