# eurotech®
## fire systems limited

## Euro-fi Wireless Translator Module - Loop Powered (EUW-W2W-01)

The EUW-W2W-01 Translator Module is one of the core components of the Euro-fi intelligent hybrid fire detection and alarm system. When connected on to a compatible loop, the unit is capable of linking up to 32 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.

Using well-proven wireless technology and a patented orthogonal antenna design ensures the highest levels of life safety and system reliability.

## TECHNICAL DATA

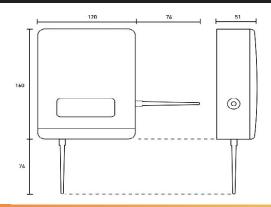| | |
|---|---|
| Loop power supply range | 18Vdc - 40Vdc |
| Operating frequency range | 868 - 870 MHz |
| Max radiated power | 5dBm (3mW) |
| Operating frequency channels | 7 |
| Communication range with Expander module | ≤ 250m (in open space) |
| Communication range with wireless field devices | ≤ 150m (in open space) |
| IP rating | 65 |
| Dimensions | 120mm x 160mm x 51mm |
| Weight | 300g |
| Operating temperature | -10°C to +55°C |
| Max humidity (non condensing) | 95% RH |
| Typical current consumption | 20mA (@24Vdc) |

## KEY FEATURES

- Loop Powered
- Proven Wireless Technology
- 3rd party approval to EN54-17, EN54-18 and EN54-25
- Bi-directional wireless communication
- 5 year product warranty
- IP protection for challenging environments
- Compatible with up to 7 expander modules
- Low current consumption
- Supports full device intelligence
- Site programmable

## APPROVALS

- BS EN54-17: Short Circuit Isolators
- BS EN54-18: Input/Output Devices
- BS EN54-25: Components using radio links and system requirements

## TECHNICAL INFORMATION

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