

Description

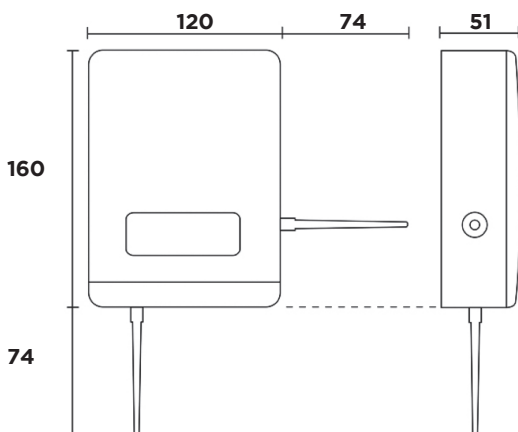
The Teledata **FDW2W** Conventional Expander Module has been designed to allow the integration of wireless detection and alarm type field devices into almost any type of system. Regardless of whether the system is intelligent or conventional the unit can be simply connected to a conventional zone, sounder 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 Teledata intelligent wireless devices and are fully monitored for alarm and fault, ensuring the highest levels of life safety and reliability are maintained.

Key features

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

Technical information



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



Technical specifications

Loop power supply range	18Vdc - 40Vdc
Operating frequency range	868 - 870 MHz
Max radiated power	5dBm (3mW)
Operating frequency channels	7
Communication range with the Expander Module	≤ 250m (in open space)
Communication range with wireless field devices	≤ 150m (in open space)
IP rating	65
Dimensions (without antennae)	120 mm x 160 mm x 51 mm
Weight	300g
Operating Temperature	-10°C to +50°C
Max humidity (non condensing)	95% RH
Typical current consumption	20mA (@ 24V dc)

Standards & approvals

- BS EN 54-17: Short Circuit Isolators
- BS EN 54-18: Input/Output Devices
- BS EN 54-25: Components using radio links and system requirements