WL8-TRV Wireless Translator Module

The wireless translator module WL8-TRV provides the communication interface between compatible fire alarm control panels and wireless field devices.

The module supports up to 240 wireless field devices and up to 127 wireless expanders, enabling the creation of large-scale wireless or hybrid fire detection and alarm systems. Proven wireless technology and an orthogonal antenna design ensure reliable communication and stable operation.

WL8-TRV enables seamless integration of the wireless system with compatible third-party fire alarm control panels, providing full support for wireless detection, alarm, and notification devices.

Features and benefits

- Dynamic routing for all repeaters and field devices
- Bi-directional wireless communication
- 240 field devices in one wireless system
- Supports full device intelligence
- Proven wireless technology
- 1 year product warranty

Technical specifications

Loop powered	17 – 32 V_{DC}
Communication range with the translator or repeater (open space)	2000 m
Communication range with the wireless field devices (open space)	1200 m
Operating frequency	868 MHz
Modulation type	FSK
Operating frequency channels	6
Dimensions	210 mm x 143 mm x 38 mm
Weight	400 g
IP rating	IP41
Max tolerated humidity (no condensing)	95% RH
Operating temperature range	From –30 °C to +55 °C

Warranty

All devices are supplied with the benefit of a limited 5 years warranty (the warranty period does not apply to batteries). This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.