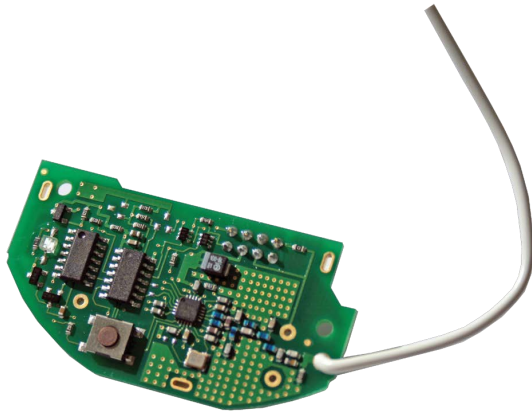


RadioLINK⁺ - Module - Ei200MRF



- A RadioLINK⁺ upgrade for Ei208W CO Alarm
- Simple plug in modular design Tricolour
- LED to indicate RF status Interconnect up to 12 Alarms RadioLINK⁺ & SmartLINK⁺ Devices
- Transmits, receives and repeats RF specific data
- Multi-path communication protocol
- Unique House Coding confines communication to selected RadioLINK⁺ & SmartLINK⁺ devices
- Remote Alarm Learn entry
- RF Monitoring
- Alarm data extraction via optional RadioLINK⁺ USB Tool
- Powered by dedicated lithium battery

Fits in:



Contains:



Product Description

The Ei200MRF is an optional add-on for the Ei208W CO alarm. The module simply plugs into the designated slot in the alarm head. The immediate flashing LED indicates that the module has been fitted correctly.

The Ei200MRF Module facilitates wireless interconnection with up to 12 RadioLINK⁺ & SmartLINK⁺ devices. It also facilitates a hybrid communication of hardwired and wireless connections.

The Ei200MRF module is a SRD using a TI transceiver device to transmit, receive and repeat the RadioLINK⁺ RF protocol. This ensures a robust “mesh” of RF signals and reliable paths of communication.

The housing coding feature confines the RF communication to designated RF devices only, thereby avoiding inadvertent activation of neighbouring RF systems.

The Remote Alarm Learn entry feature allows the installer to reactivate the entire RF system house code from one device. Additional devices can then be added and house coded accordingly.

RF monitoring of the signal paths is facilitated through a “buddy” system. Each device will “buddy up” to at least one other device. If the signal path fails, the “buddy” will transmit a communication lost signal. Information such as alarm events, fault events, test activations and alarm head removals can now be downloaded using the RadioLINK⁺ RF Tool (EIUSB1).

The Module is designed to be completely enclosed within the alarm unit and no visible parts including the antenna will be shown.

TECHNICAL SPECIFICATION

- Supply Voltage:** 3V lithium battery
- RF Frequency:** 868.499Mhz RadioLINK protocol
- RF Power:** +10dBm
- RF Protocol:** Proprietary RadioLINK+ using multi-path, multi-repeater mesh architecture.
- RF Range:** 100 meters in free air
30 meters in standard property
- Temperature:** Operating - 0°C to 40°C
Storage - 0°C to 35°C (In a dry area)
- Humidity Range:** 15% to 95% Relative Humidity
- Indicator LED's:**

- Blue** - typically RF transmission, house code mode indicator, code reset
 - Green** - typically monitoring mode indicator, alternating with blue LED to indicate monitoring success
 - Red** - typically monitoring mode cancel, alternating with blue led to indicate monitoring failure
- Dimensions:**
Product - 60mm x 30mm x 20mm
Package - 120mm x 120mm x 56mm
- Weight:**
25g (Boxed 46g)
- Warranty:**
5 year (limited) warranty

Approvals:



- EN 300220-3 (Radio)
- EN 301489-3 (EMC)
- EN 62479:2010 (Safety)

Specifications are subject to change



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