

# RadioLINK **Accessory**

## LITHIUM BATTERY POWERED

### Switched Input Module

#### Model Ei408

- Stand-alone unit designed for use with RadioLINK bases & accessories
- Accepts hard-wired switched input (e.g. from sprinkler system)
- Visual RF transmission and power indicator
- Powered by built-in Lithium cells
- Unique House-Coding
- Low battery power warning
- RF performance to EN 300220-3
- EMC performance to EN 301489-3
- 5 year guarantee



#### Product Description

The Ei408 is a RadioLINK interface module that accepts a Volt-free switched input from a hard-wired set of contacts (e.g. flow switch contacts on a sprinkler system) and sends out a corresponding RadioLINK alarm signal.

The Ei408 uses advanced transceiver and signal coding technology to ensure robust and reliable RF signaling. It also has a House-Code feature that allows a system of RadioLINK units to be coded together to prevent interference with neighboring systems.

It is powered by built in tamper-proof Lithium cells which are designed to last the life of the module. The cells are monitored and an end of life indication is given when the cells are depleted.

It is designed to be remotely sited and comes complete in its own enclosure.

#### Operation

- On receiving a Volt-free switched hard-wired signal, the unit will transmit a RadioLINK alarm signal.
- When the switched hard-wired signal ceases and switches back to its normal standby position, the unit will cease sending out a RadioLINK alarm signal.
- The unit can be House-Coded by activating the House-Code switch. The indicator will flash red to indicate that the unit is sending out its unique House-Code.
- The indicator will flash green every 40 seconds to indicate that the Lithium cell power supply is healthy.
- If the Lithium cells are depleted, the indicator will flash amber every 10 seconds.



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# Model Ei408

## Technical Specification

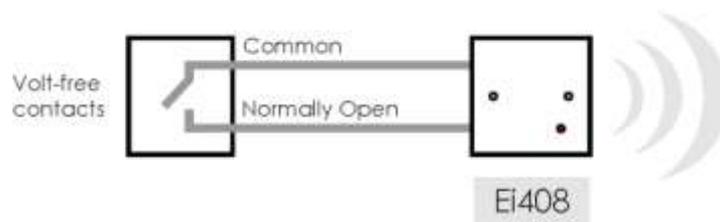
<b>Power Supply:</b>	Lithium cells (built-in)	<b>Power Indicator:</b>	Green indicator flash every 40 seconds
<b>Interconnect:</b>	Up to 12 RadioLINK units	<b>Low Battery Indicator:</b>	Amber indicator flash every 10 seconds
<b>Input:</b>	Volt-free switched	<b>Temperature Range:</b>	0°C to 40°C
<b>RF Signal Range<sup>1</sup>:</b>	150 metres in free space	<b>Humidity Range:</b>	0% to 95% R.H.
<b>RF Frequency:</b>	868MHz band (1% duty cycle)	<b>Dimensions:</b>	140mm x 26mm
<b>RF Power:</b>	+5dBm	<b>Weight:</b>	205g
		<b>Guarantee:</b>	5 year (limited)
		<b>Approvals:</b>	RF performance to EN300220-3 EMC performance to EMC 301489-3

1. Any obstructions of any sort will result in a reduction in range from the free space specification. As such, the actual range will vary depending on installation.

*Specifications are subject to change*

## System Wiring

Wiring for connecting a set of contacts to Ei408 Interface module



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