FIREwave®
Wireless Single Channel Input Module
RSM-IP

Features

▸ Input circuits are monitored for fire and fault conditions

▸ Bi-directional wireless communication

▸ Self-optimising wireless amplitude and frequency

▸ Automatic wireless channel hopping

▸ Fully intelligent

▸ High reliability and sensitivity

▸ Flexible on site device adjustment

▸ Makes additions to existing wired systems easy and cost effective

Description

The RSM-IP is a Single Channel Input Module providing a convenient and cost effective solution for monitoring and controlling third party equipment.

Module parameters are programmed via the Translator Module (RSM-WTM) which then automatically manages radiated power depending on the device communication quality. All modules can then adjust their frequency and radiated power in accordance with the signal quality received from the Translator Module.

The unit is mounted in a protective IP65 housing for mounting in hostile conditions and to enable the termination of fire protected cabling. The module allows the connection of third party equipment to the fire system via the monitored input circuit.

The module is also controllable from the Fire Control Panel via the cause and effect programming and offers the same level of flexibility as a standard addressable module.

Ordering Code	RSM-IP	
Communication range with Translator Module	150 m (open space)	
Operating frequency	868 - 870 MHz	
Modulation type	Frequency Shift Keying	
Number of operating channels	7	
Time period between wireless signal transmissions	From 12 seconds to 2 minutes	
Power supply (dual 3V lithium batteries)	1 x Primary Cell (CR123A)	1 x Secondary Cell (CR2032A)
Capacity	1.2 Ahr	0.24 Ahr
Estimated battery life*	5 years	2 months
Operating temperature range	-10 °C to +55 °C	
Radiated power	0.01 - 3 mW	
IP Rating	IP65	
Dimensions (mm)	H87 x W87 x D23 (D58 with back box)	

*dependant on time period between wireless signal transmissions

HOCHIKI

World Class Leaders in Fire Detection Since 1918