EIB600MRF - RadioLINK+ Module

RadioLINK+
RF Wireless interconnect

Key Features

▼ RF Upgrade for EIB650 compatible Series Alarms
▼ Simple plug in modular design
▼ Interconnect up to 12 wireless Alarms/devices
▼ Transmits, receives and repeats RF specific data
▼ Multi-path communication protocol
▼ Unique House Coding confines communication to selected RadioLINK devices
▼ Remote Alarm Learn entry
▼ RF Monitoring
▼ Alarm Status & Parameter information download via RadioLINK tool
▼ Powered through primary lithium battery 10 year
▼ Certified to AS/NZS4268:2012
▼ 5 Year Guarantee

Product Description

The EIB600MRF is an optional add-on RadioLINK+ module for the EIB650 compatible series Alarms. The module simply plugs into the designated slot in the base of the Alarm head. The immediate flashing LEDs indicates that the module has been fitted correctly.

The EIB600MRF module facilitates wireless interconnection with up to 12 RadioLINK devices.

The EIB600MRF 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 house coding feature confines the RF communication to designated RadioLINK devices only, thereby avoiding the inadvertent activation of neighbouring Alarm RF systems.

The Remote Alarm Learn entry feature allows the installer to re-activate the entire RF system house coding 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 tool.

Technical Specification

Supply Voltage:	3V lithium Battery.
Frequency:	926MHz band (1% duty Cycle)
RF Power:	+10dBm
RF Protocol:	Proprietary RadioLINK+ using multi-path, multi-repeater mesh architecture.
RF Range:	> 100Metres in free air.
System size:	12 RadioLINK devices
Temperature:	Operating - 0 to 40°C
	Storage - 0 to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Indicators:	Blue LED – typically RF transmission, house code mode indicator, code reset
	Green LED - typically monitoring mode indicator, alternating with blue led to indicate monitoring success
	Red LED – typically monitoring mode cancel, alternating with blue led to indicate monitoring failure
Dimensions:	Product - 60mm x 30mm x 20mm
Weight:	25g
Warranty:	5 year (limited) warranty
Approvals:	Certified to AS/NZS4268:2012

Specifications are subject to change

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.