

# ZPR868-CM

## Módulo Ziton vía radio 868Mhz.

### General

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The ZPR868-CM is a mains powered wireless cluster communicator for interfacing Ziton wireless 868 MHz fire alarm devices into a ZP fire alarm system. It enables these wireless devices to be controlled directly from the ZP7 compatible CIE, and provides a seamless interface between wireless devices and the CIE.

### System design

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A cluster communicator comprises of a radio transceiver capable of communicating with up to 31 wireless devices. Every cluster communicator communicates directly to a ZPR868-H hub or, should direct communication not be possible, via another cluster communicator (with up to 4 hops) to the hub. This allows for full meshed networked wireless systems with multiple redundant wireless communication parts as well as longer wireless communication ranges when that is required on large sites.

### Seamless addition of wireless devices

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Every wireless device controlled through a cluster communicator has its own unique address with which the main fire alarm control panel communicates with it, providing the same system capabilities as directly wired devices. A full range of wireless detection and alarm devices is available, including multi-sensors capable of dual sensing heat and smoke, smoke only or heat only configurations, manual call points, notification devices (sounders & beacons) as well as input/output units.

### Full flexibility

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Wireless devices are featured in many fire detection and alarm systems, specified where the installation of hard wiring would be difficult or impossible to complete, decorative finishes to the interior of the protected building preclude wiring runs or where the time scales to complete installation are minimal. Cluster communicators allow the system designer full flexibility in selecting the locations of wireless devices anywhere in the system, or even allow all the filed devices in system to be wireless, up to 508 devices per CIE (or 127 devices per loop).



### Detalles

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- Mains supply with battery backup
- 2-Way communication with up to 31 wireless devices
- Diversity transceivers allow maximum operational range
- Variable power output
- ETSI 300-220 approved
- EN54-4, 18, 25 complaint and CPR certified

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## Especificaciones técnicas

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### Eléctrico

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Voltaje de funcionamiento 100 to 230 VAC

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Consumo de corriente 50 mA

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### Físico

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Dimensiones físicas 270 x 205 x 75 mm

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Peso neto 1.8 kg

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Baterías 1 x 6V 4Ah

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### Medioambiental

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Temperatura de funcionamiento -10 to +50°C

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Temperatura de almacenamiento -20 to +60°C

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Humedad relativa 0 to 95% noncondensing

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Clasificación IP IP54

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### Compatibility

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All ZP addressable systems

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### Electrical

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Battery backup standby time 72 h

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### Output transmitter power

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Variable 0-14 dBm

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### Approvals

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EN54-4, 18, 25

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### Productos compatibles

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Categoría	Referencia	Descripción
Unidad de interfaz	ZPR868-CM	Módulo Ziton vía radio 868Mhz.

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