

An RF Module for **CONCEPT 4000** Systems



A Radio frequency expander module bringing all the versatility of RF technology to your Concept installation

- * Encrypted wireless transmission protect system from unauthorised access
Encrypted bi-directional wireless transmissions
- Perfect for heritage listed building installations
- 32 wireless detectors and 4000 user key fobs
- Key fob functionality tailored for each user
- Secure wireless arm/disarm
- Key fob control of any system auxiliaries
- Detector low battery reporting

The RF Expander Module provides connectivity to the Visonic range of wireless devices. The RF Expander Module allows seamless functionality for up to 32 wireless zone inputs and 4,000 users with key fobs. Wireless detectors reduce installation time and cost, whilst key fobs provide secure arming and disarming of the system as well as remote operation of outputs such as lighting and doors etc.

The RF Module identifies each wireless device by a unique 24bit ID command code. All transmissions are protected by a 64bit encryption regime which protects the system from substitution and 'replay' attacks.

Using RF key fobs, the Control Panel can be securely armed and disarmed. Auxiliary outputs can also be wirelessly controlled.

Large range of wireless devices

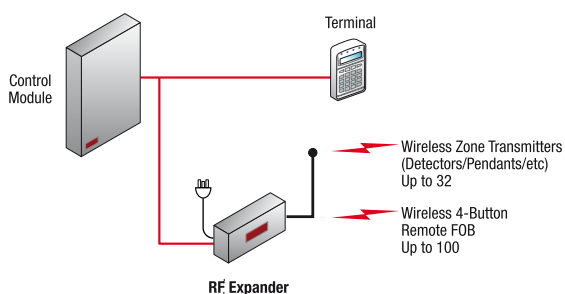
The RF Expander module is compatible with the Powercode™ and CodeSecure™ 433MHz range of Visonic transmitters. These families support a wide range of devices. See www.visonic.com for further information.

Features:

- Encrypted wireless transmissions protect system from unauthorised access
- Connectivity for up to 32 wireless detectors and 4000 key fobs
- Key fob button functionality can be tailored for each user
- Secure wireless arm/disarm
- Auxiliary control
- Wireless panic input
- Detector signal supervision
- RF jaming protection

Connectivity

The RF expander is connected directly to the Concept RS485 LAN. Up to 64 RF Expander modules may be installed in a single panel system. (Note that a custom memory configuration is required if more than 16 RF Expander modules are to be connected to a single panel system).



A perfect solution for:

- *heritage listed buildings*
- *wiring to detached structures*
- *difficult installation points*

SPECIFICATIONS

Physical

Enclosure Dimensions	238(L) x 118(W) x 74(D) (mm)
PCB Dimensions	87(L) x 73(W) x 10(D) (mm) including receiver
Installation Environment	0° – 40°C @ 15% to 85% Relative humidity (non-condensing)

Electrical

Input Voltage to PCB	11-14VDC (From LAN or separate battery backed external power supply)
Operational Current	25mA

Inputs

Zone Inputs	32 wireless zones
Key Fob (MCT-234W)	Up to 100, depending on Control Module memory configuration (Up to 4000 with custom memory configuration)
RF Frequency	433.92MHz

Ordering options

995020 RF Module (in off white Plastic Enclosure)

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