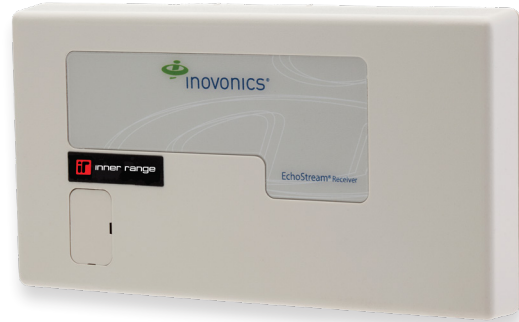The Inner Range - Inovonics™ RF Expander is an RS-485 LAN based module which provides an interface for Inovonics™ Echostream wireless security transmitters such as detectors, universal transmitters and user pendants.

Up to 32 detectors can be monitored by each Module. User pendant transmissions can be received via any RF Expander Module in the system.

The range of an RF system can be expanded by using Inovonics™ Repeater units which allow RF signals to be forwarded onto the Expander Module.

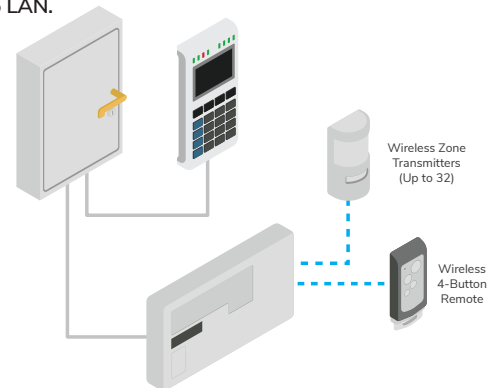User pendants and security transmitters can be easily registered into the Inner Range system.

## Features

- The Inovonics RF Expander connects directly to the Inner Range RS-485 LAN
- Each Expander will provide up to 32 wireless detection zones
- Low Battery supervision & reporting from all wireless devices
- Frequency selectable to suit AU/NZ RF bands
- PCB  only kit option available (for Europe only)
- World-renowned high quality RF wireless solution
- Fully compatible with Inovonics security range of transmitter devices including:
  - Body Worn Pendant Transmitters
  - Fixed Position Hold Up Pendant Transmitters
  - Universal Transmitters - Reed Switches/Contacts
  - Smoke Detectors
  - Glassbreak Detectors
  - PIR Motion Detectors
  - High Power Repeaters
- See the Inovonics Security Product Guide Australia / New Zealand for further details

## Connectivity

The RF expander is connected directly to the Controller RS-485 LAN.

Wireless Zone Transmitters (Up to 32)

Wireless 4-Button Remote

## Specifications

### Controller Compatability

| | |
|---|---|
| Compatabile with: | Integriti, Inception |

### Physical

| | |
|---|---|
| Enclosure Dimensions: | 165(L) x 92(W) x 28(D) (mm) |
| Installation Environment: | 0° - 50°C @ 15% to 85% Relative humidity (non-condensing) |

### Electrical

| | |
|---|---|
| Input Voltage: | PCB 11.5-14V DC (operational current 115mA) |
| Zone Inputs: | 32 wireless zones |
| Key Fobs: | 1 per user, only limited by user quantity available in controller |

### Inputs

| | |
|---|---|
| | Transmitter Low Battery, Transmitter Poll Fail and RF Jam, Cabinet Tamper, Module Low Volts, LAN Fail and Module Low Battery |

### Compatibility

| | |
|---|---|
| | Compatible with Integriti ISC/ IAC Controllers and  Inception Controllers |

### Frequency Bands

| | |
|---|---|
| Australia: | 915-928 MHz |
| New Zealand: | 921-928 MHz |

### Compliance

Electrical

Environmental

RoHS

## Ordering Options

996008
Inovonics RF Module (AU & NZ Only)

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