Gallagher + Inovonics
Wireless PIR Integration

Introduction

Gallagher supports a low-level integration with the Inovonics EN4204R EchoStream® wireless intrusion detection device. An Inovonics solution is ideally suited to a site where wired detection devices cannot be installed.
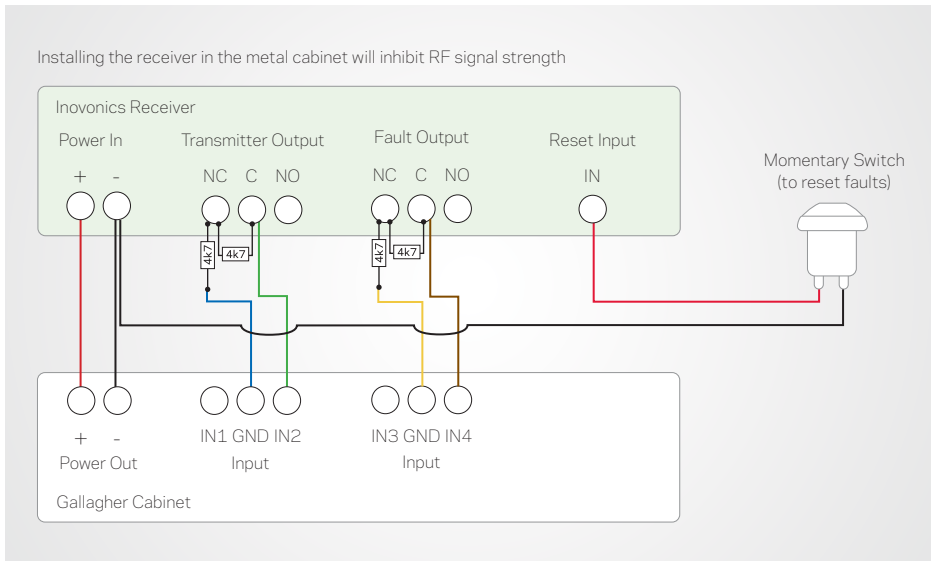
Important: Inovonics must be installed and set up in accordance with the installation instructions provided by the manufacturer. All support and installation queries must be directed to the manufacturer.

Supported models

Receiver - EN4204R Four Zone Add-on Receiver with Relays
Transmitter - EN1261HT High Traffic Four Element Motion Detector

Wiring

Configuration

Transmitter outputs

Wire each Transmitter output to a Gallagher input. Configure the area, sensor type (PIR), and alarm response (Secure Alarm) for each input.

Fault output

Wire the Fault output to a Gallagher input. Name the input 'PIR Fault'. Configure the area, sensor type (Service Point), and alarm response (24 Hour Alarm) for the input. This input will report an alarm when any transmitter is tampered. Note: It will not display as a system alarm within the customer app.

To identify the specific transmitter that has been tampered, view the LEDs on the receiver. The tampered transmitter's LED will display red.

Jam output

Wire the Jam output to a Gallagher input. Name the input 'PIR Jam'. Configure the area, sensor type (Service Point), and alarm response (24 Hour Alarm) for the input. This input will report an alarm when noise thresholds on all receive channels remain above a predetermined value for 10 seconds.

Reset input

To reset the Fault and Jam conditions, a momentary switch must be installed. The momentary switch should be a clearly labelled button, located outside (or on the external surface) of the cabinet.

Important: The customer must be able to restore a 'PIR Fault' and 'PIR Jam' alarm, so that the incident can be closed within the app. Alternatively, the Fault and Jam conditions can be reset by pressing the Reset button located on the receiver.