

INTRUSION ADD-ON OVERVIEW

Intrusion for 4-Series-AC Controller

WHAT'S COVERED: ODL Intrusion add-on overview, technical details, how to install, how to use in the Portal application.

OVERVIEW

Outdoorlink offers intrusion detection as an add-on feature to the S-Series-AC controller. The intrusion feature allows users to monitor dry contacts such as magnetic switches, laser trip wires, motion detectors, etc. and trigger relay actions based on these events. The intrusion interface supports three independent inputs that can trigger unique alarms and relay actions. The intrusion feature can be requested at the time of order and will need to be enabled on a site-by-site basis.

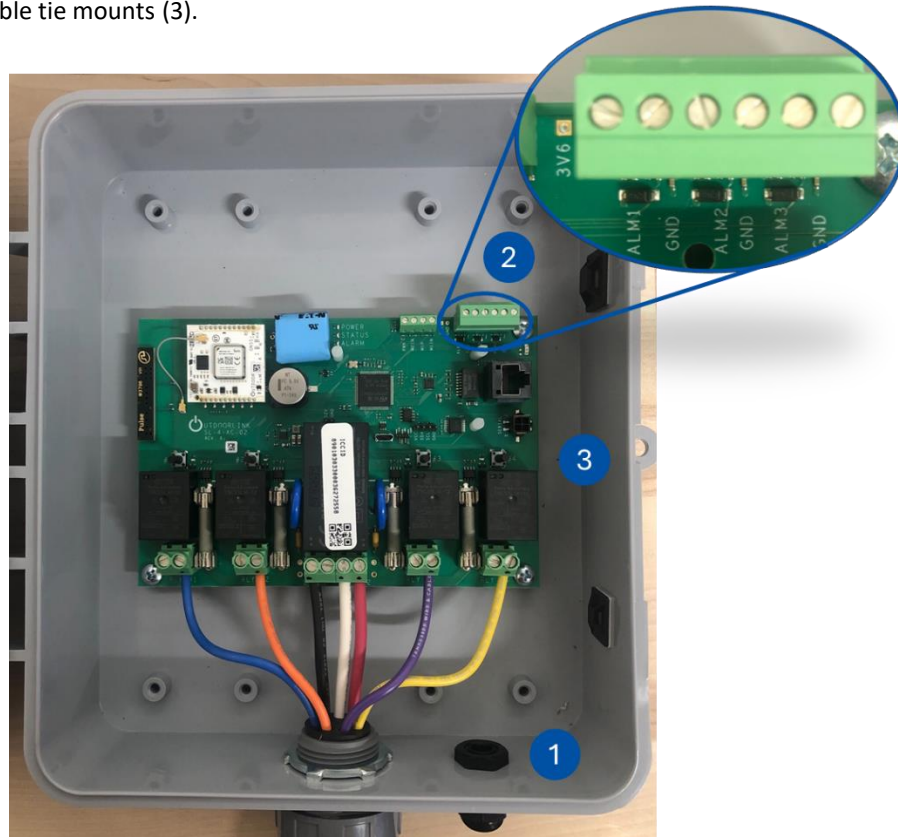
TECHNICAL SPECIFICATIONS

- Supports up to three independent dry contacts.
- Compatible with NO and NC off-the-shelf dry contact switches and sensors.
- Intrusion events send alarm notifications and can be configured to change the state of the relays.

INSTALLATION

For installation of the Outdoorlink controller see the S-Series-AC Installation Guidelines. Intrusion is incorporated as an add on feature to Outdoorlink four relay controllers at the manufacturer. Retrofits are also easily supported. The intrusion interface has three independently configurable channels. Each channel provides an independent intrusion alert and configurable relay action. Intrusion enabled controllers also include the addition of a cable gland mounted through the bottom of the enclosure and two wire tie mounts for securing intrusion wires (not included) internally. A standard six port terminal block is included to connect intrusion wires to the controller.

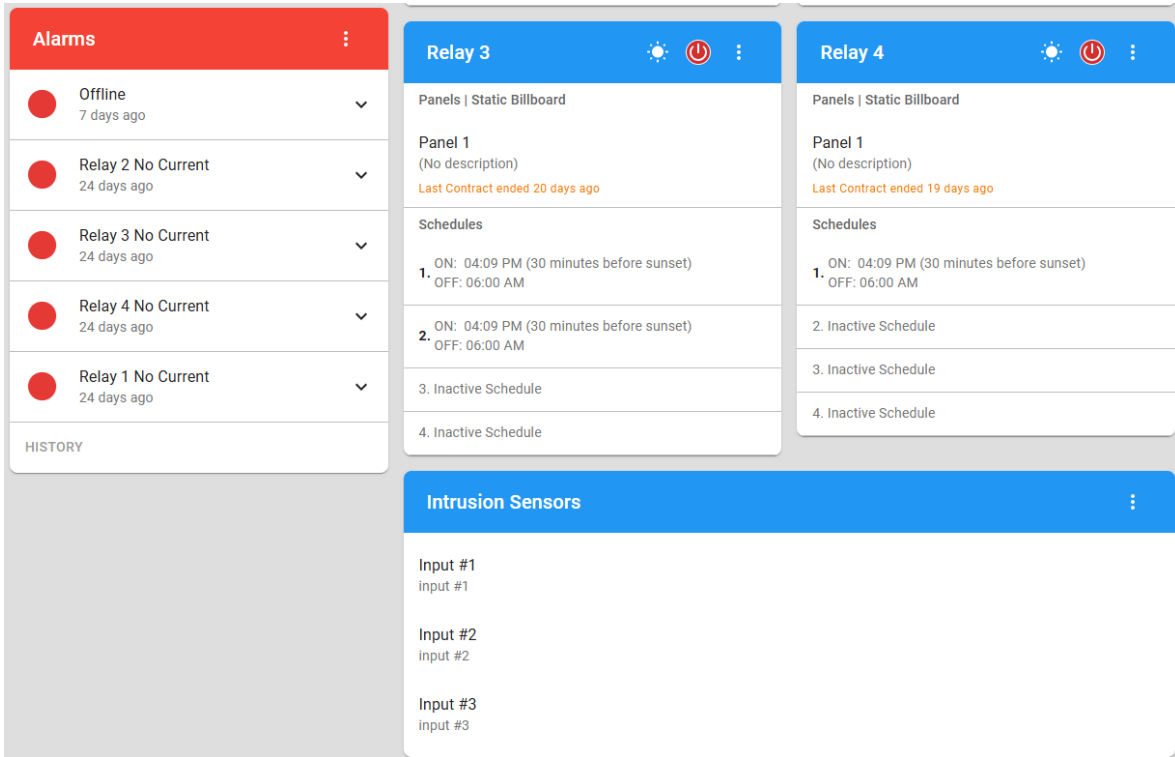
To connect intrusion wires, route the dimming wires through the cable gland (1). Connect the intrusion wires to the desired input (2). Then secure the wires to the cable tie mounts (3).



PORTAL APPLICATION

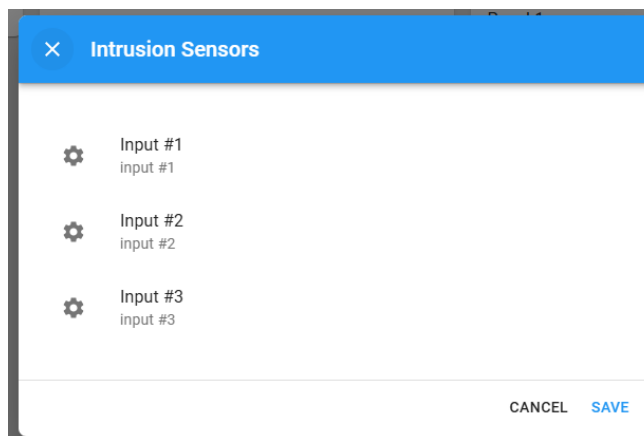
The intrusion is configured from the site dashboard in the Portal application. See Portal User Guidelines for detailed Portal set up and user instructions.

Quick Navigation: Customer home page > Plant/Site Group Dashboard > Structure Dashboard



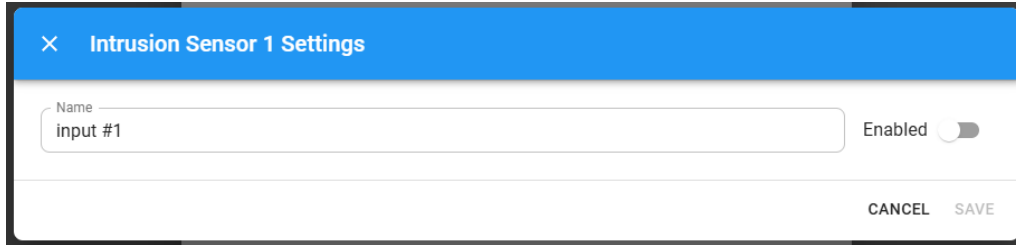
CONFIGURATION

Click on any of the inputs to bring up the configuration panel. From this panel select the desired input to configure it.



By default, all inputs are disabled. Name the input and enable it to begin configuration.

NOTE: Inputs must be enabled to receive alarm notifications.



Once the input is enabled the panel will display additional configuration options.

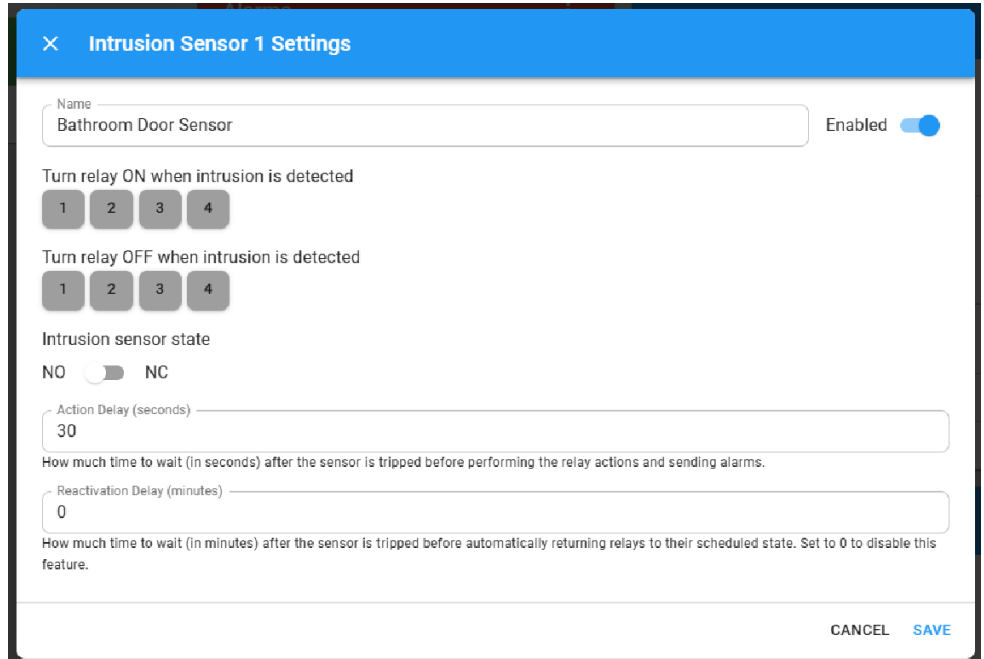
From this panel the user can:

Select which relays should be turned on or off when the sensor is tripped.

Set the normal state of the switch. (NO or NC)

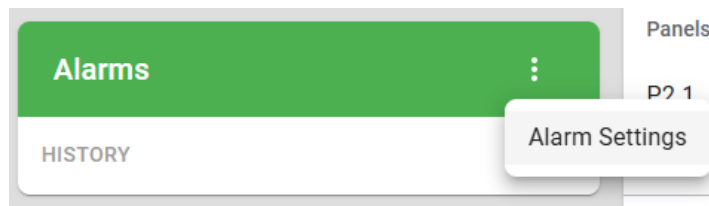
Set the Action Delay. The Action Delay is the amount of time in seconds that the controller will wait before sending the alarm or performing relay actions.

Set the Reactivation Delay. The Reactivation Delay is the amount of time in minutes after the sensor condition is cleared before returning the relays to their scheduled state.



ALARMS

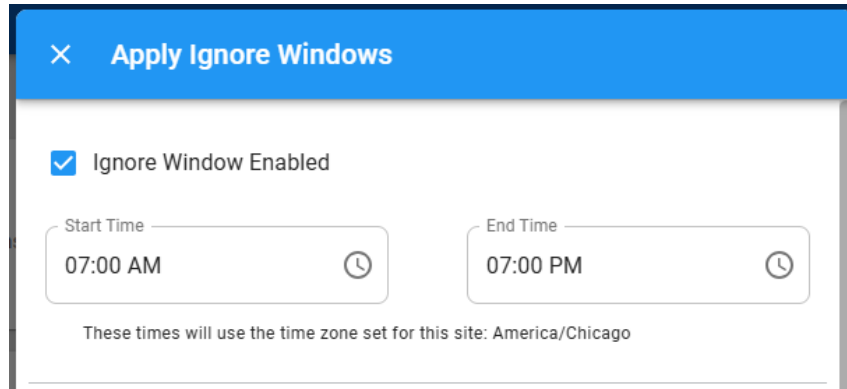
Alarms can be configured in the Alarm Settings in the Alarms panel.



Alarms and alarm notifications can be configured for each sensor input individually.

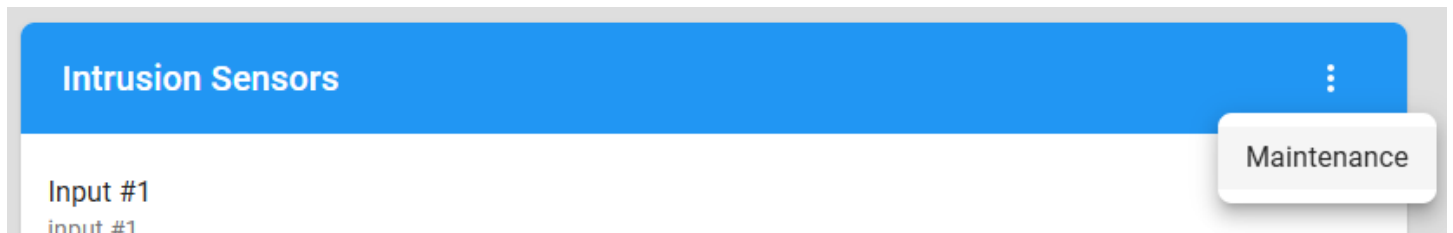
<input checked="" type="checkbox"/>	Intrusion Sensor Input 1 The intrusion sensor was triggered without authorization. Unless configured otherwise, this results in relays being turned off automatically.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Intrusion Sensor Input 2 The intrusion sensor was triggered without authorization. Unless configured otherwise, this results in relays being turned off automatically.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Intrusion Sensor Input 3 The intrusion sensor was triggered without authorization. Unless configured otherwise, this results in relays being turned off automatically.	<input checked="" type="checkbox"/>

An Alarm Ignore Window can be configured at the top of the Alarm Settings page. This allows the user to ignore notifications for specific alarms that occur within the configured window.



MAINTENANCE

To support cases where maintenance needs to be performed on a site without triggering the relay actions intrusion supports a maintenance feature. This feature can be accessed from the settings menu on the intrusion card.



This panel allows the user to disarm the intrusion feature for a period. It also allows the user to rearm the feature manually when maintenance is complete.

