

Project		Catalog #		Type	
Prepared by		Notes		Date	



## WaveLinx

### PRO Contact Closure Input Module (CCI-P-V)

Offers four dry contact inputs for the WaveLinx PRO system

#### Typical Applications

Office • Education • Healthcare • Hospitality • Retail

#### Interactive Menu

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- Product Warranty

#### Product Certification\*



- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC requirements
- Meets latest CEC Title 24 requirements
- Manufactured in an ISO 9001 certified factory

#### Product Features



#### Compatibility



### Overview

The PRO Contact Closure Interface module provides analog devices with an interface and network addressability. The CCI device offers two modes: the first mode offers four inputs for momentary or sustained contact inputs. In the second mode, the device can work as a sensor interface module providing input to an occupancy sensor. The PRO version of the Contact Closure Interface module communicates with other PRO devices, including the WaveLinx Area Controller using the 802.15.4 PRO protocol. Each input is programmable using WaveLinx mobile app.

### Product Features & Benefits

- Four (4) dry contact inputs
- Plenum rated design with easy junction box mounting
- Supports momentary and/or sustained inputs
- Occupancy sensor mode that supports single sensor input
- Remotely configurable through WaveLinx mobile app
- WaveLinx PRO version available to communicate with PRO system.

product diagrams

## Order Information

Catalog Number

Catalog Number	Description
CCI-P-V	WaveLinx PRO Contact Closure Input Module
	<b>Notes</b> WaveLinx PRO can only be commissioned with the WaveLinx PRO App when paired to a WAC.

## Product Specifications

## Key Features

- The device supports 2 modes:
  - Four (4) dry contact input uses
    - Demand Response
    - Alarm
    - External Timeclock
    - Master Switch Input
  - Input to an occupancy sensor
- Programmable by mobile app
- Device identification LED

## Mechanical

**Size:** 2.28" W X 3.34" H X 1.5" D (58mm x 85mm x 38mm)**Weight:** 0.33 lbs (0.0 kg)

## Environment:

- **Operating temperature:** 32°F to 122°F (0°C to 50°C)
- **Storage temperature:** 14°F to 158 °F (-10°C to 70°C)
- **Relative humidity operating:** 5 to 95% non-condensing
- For indoor use only

**Mounting:** Junction box mounting**Color:** Black

## Electrical

## Input Types:

- Four (4) dry contacts
- Push in connector

## Power:

- 120-347VAC Line to neutral single phase

## Network connection:

- WaveLinx PRO - Zigbee

## Standards/Ratings\*

- cULus Listed - Energy Management Equipment (UL916)
- UL Listed (UL508)
- FCC Part 15, Part B
- Manufactured in an ISO 9001 certified factory
- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC 2021 requirements
- Meets latest CEC Title 24 requirements

## Environmental Regulations:

- RoHS
- Plenum UL2043
- Chicago Plenum rated

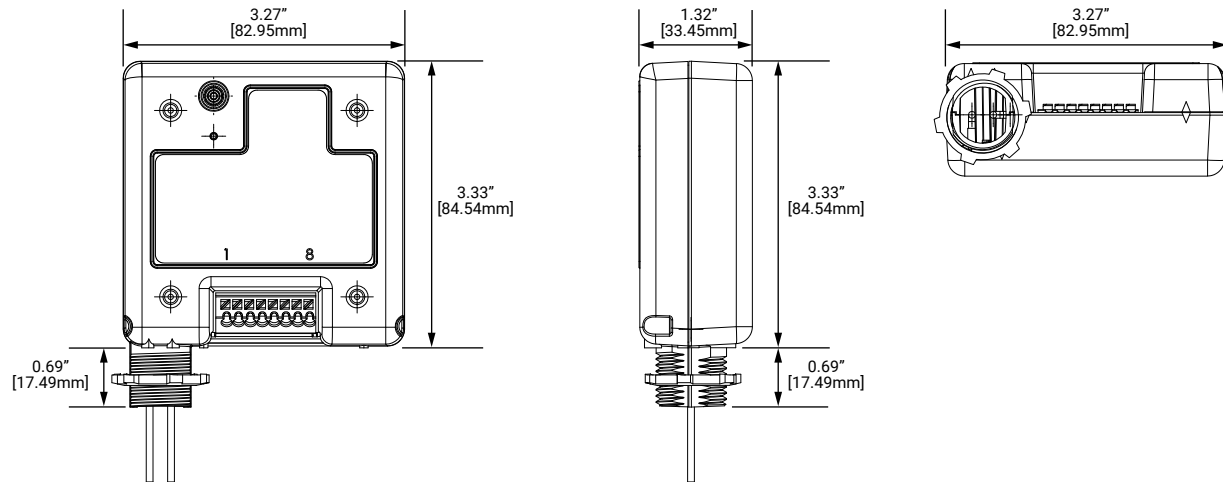
## Warranty

Five year warranty standard

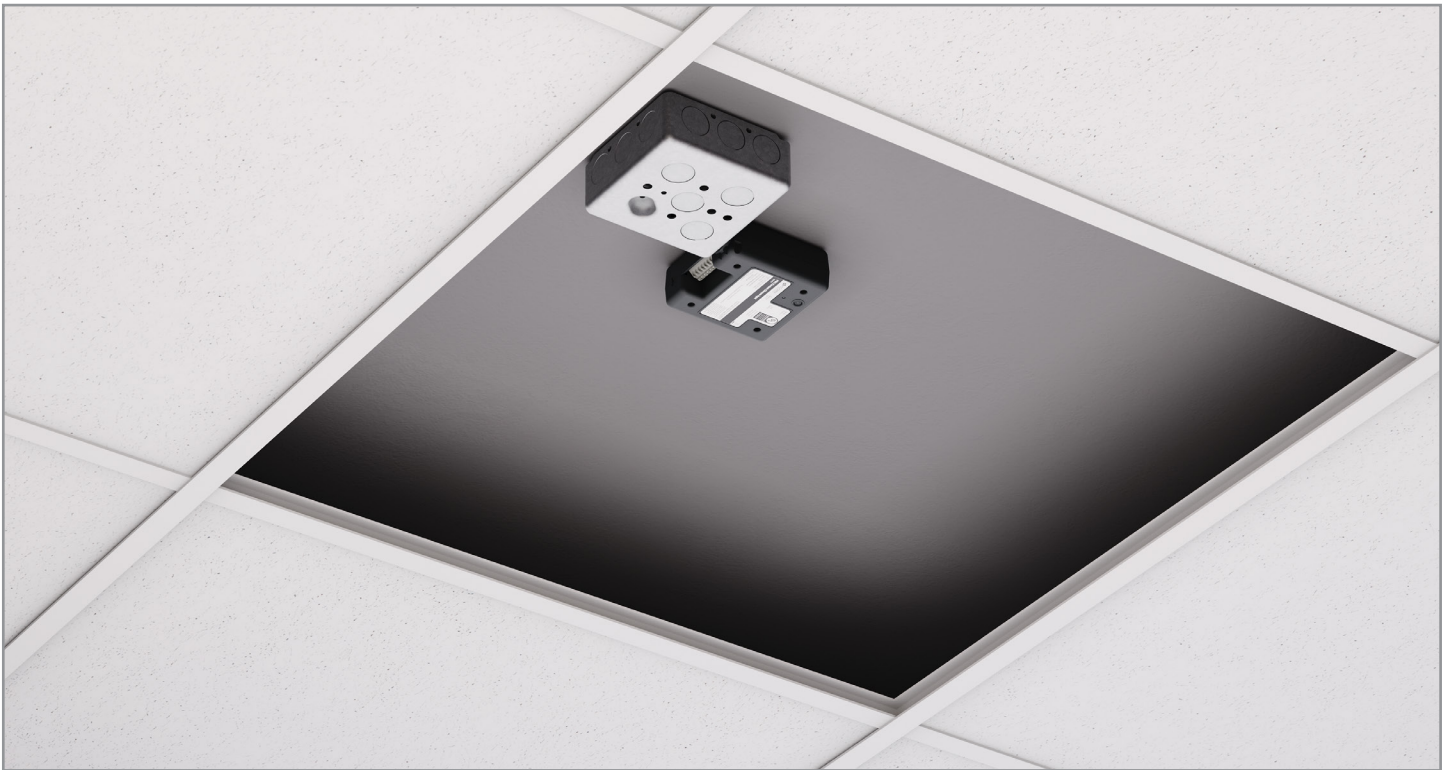


Download the WaveLinx PRO or LITE Mobile Application from either the Google Play or Apple Store®

## Dimensional Details

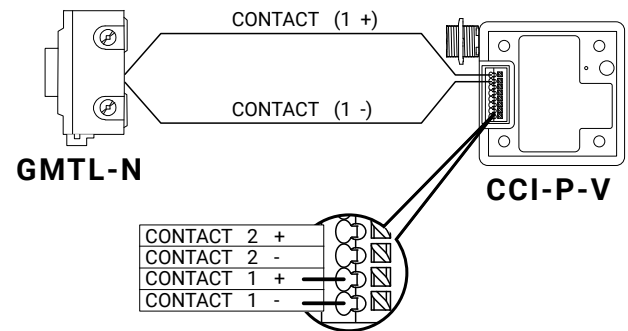
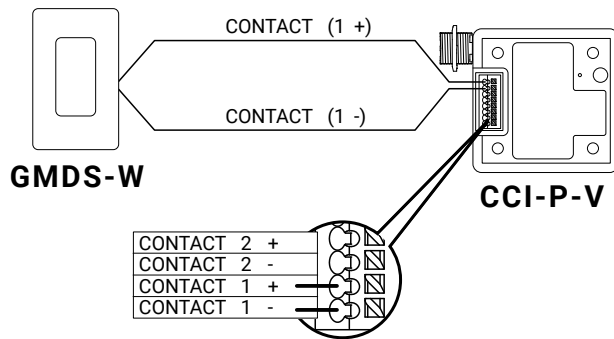


## Mounting

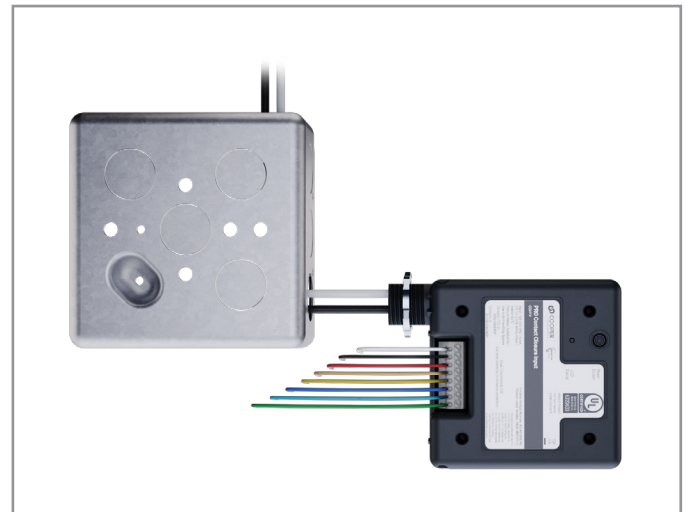
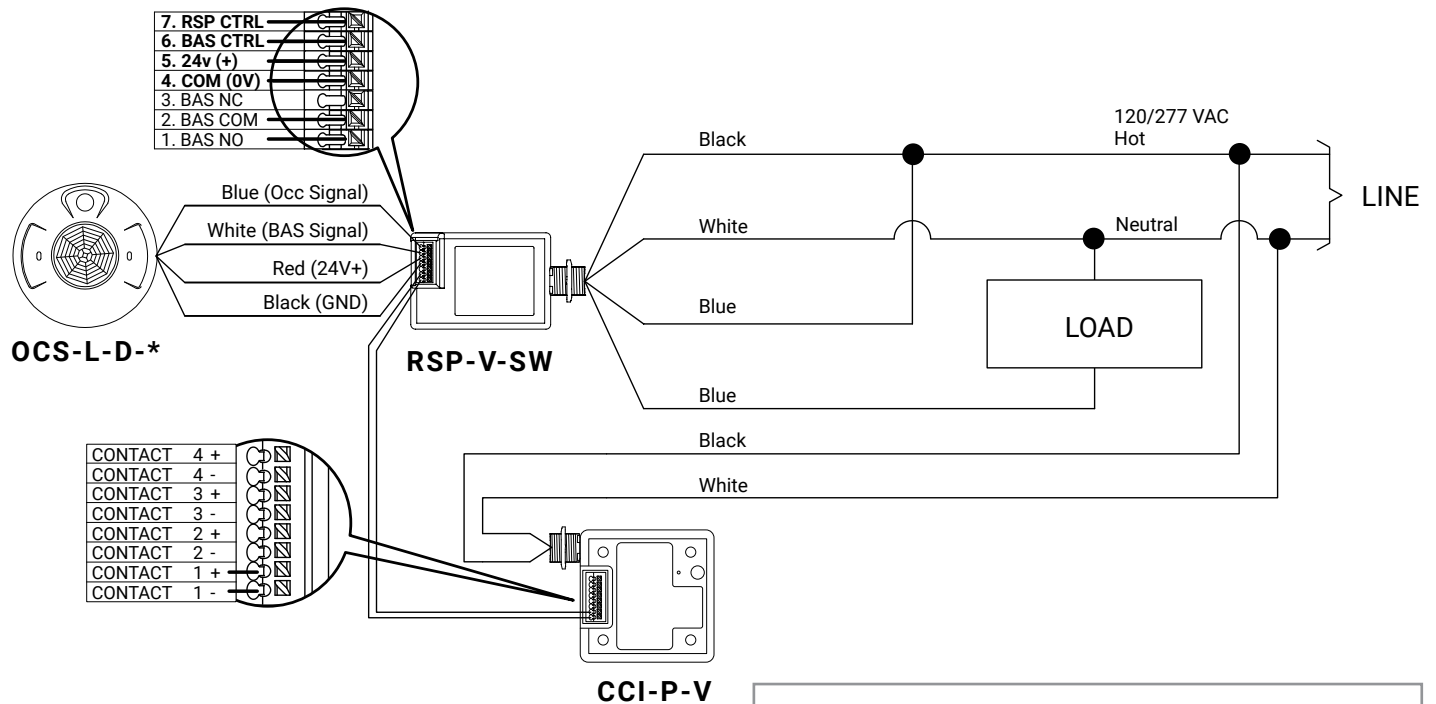


## Wiring Diagrams

Device used as a CCI



Device used as an input to the occupancy sensor




## System Diagram:

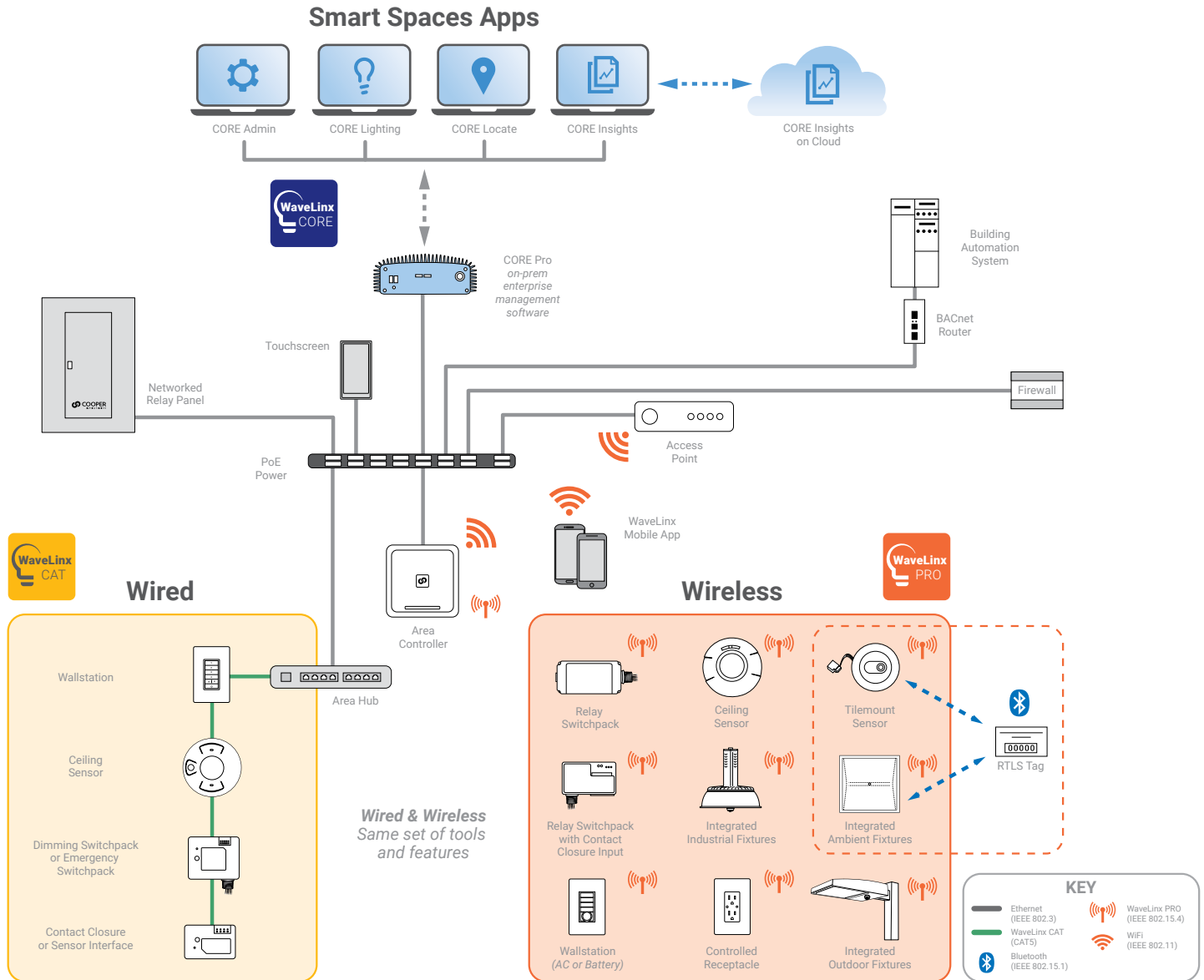
This diagram shows the main components of the WaveLinx connected lighting system with CAT and PRO devices.


The PRO devices communicate using wireless mesh technology based on the IEEE 802.15.4 standard. A PoE LAN connection for each WaveLinx Area Controller (WAC) is required for power and data access to the building lighting network.

The CAT devices communicate over the category 5 based communication bus and control the light fixtures using a relay (on/off) and 0-10V output (dim/raise).

WaveLinx Area Controllers (WAC) communicate with WaveLinx CORE Apps over the Ethernet network.

 **View**  
WaveLinx Network  
and IT Guidance  
Technical Guide



 **Control Systems**  
• WaveLinx