# ZUMLINK-IR-QUATTRO

ZŪM®

## Infrared Presence Detectors with Zūm® Wired Lighting Control

- *Ceiling-mount presence sensor*
- *Passive infrared (PIR) motion detection*
- *360 degree coverage pattern*
- *Fully digital circuitry for low cost and high reliability*
- *Built-in closed loop daylight sensor*
- *Control system communications the Zūm® Link network*
- *Compatible with Zūm wired keypad*
- *For the -RLY model, additional relays included for input-relay capable devices*

As part of providing professional lighting and control solutions for the entire enterprise, we are pleased to offer STEINEL™ products, which are available for sale through authorized Crestron® Commercial Lighting system integrators.

Based in Germany, STEINEL has been manufacturing lighting controls for over 25 years. Their product offering includes a wide variety of controls and sensors for indoor and outdoor applications.

STEINEL™ presence detectors with Zūm® Link wired communication are part of a system designed to provide sophisticated lighting control with simple installation. A wired solution for Zūm commercial lighting systems, the Zūm Link Presence Detectors communicate via CBL-CAT5E-ZUMLINK-P cable (sold separately) which allow for in-room device daisy-chaining to other Zūm Link devices (such as the ZUMLINK-KP keypad or Zūm Link load controllers). The presence detectors are equipped with daylighting capabilities to adjust the lighting based on natural light. The RLY presence detectors also have a three-wire output relay to connect to a relay-input capable device, such as an HVAC call system. The presence detectors mount directly to the ceiling or via a junction box (not included).

Twelve Zūm Link Presence Detectors are offered:

**Presence Detector with Daylight Sensing**

- ZUMLINK-IR-QUATTRO-DLS with passive infrared technology
- ZUMLINK-DT-QUATTRO-DLS with passive infrared and ultrasonic technology
- ZUMLINK-US-QUATTRO-DLS with ultrasonic technology
- ZUMLINK-IR-QUATTRO-HD-DLS with high-definition, passive infrared technology
- ZUMLINK-US-HALLWAY-DLS with ultrasonic technology and bidirectional detection for hallways
- ZUMLINK-US-ONEWAY-DLS with ultrasonic technology and unidirectional detection for hallways

**Presence Detector with Daylight Sensing and Output Relay**

- ZUMLINK-IR-QUATTRO-DLS-RLY with passive infrared technology
- ZUMLINK-DT-QUATTRO-DLS-RLY with passive infrared and ultrasonic technology
- ZUMLINK-US-QUATTRO-DLS-RLY with ultrasonic technology
- ZUMLINK-IR-QUATTRO-HD-DLS-RLY with high-definition, passive infrared technology
- ZUMLINK-US-HALLWAY-DLS-RLY with ultrasonic technology and bidirectional detection for hallways
- ZUMLINK-US-ONEWAY-DLS-RLY with ultrasonic technology and unidirectional detection for hallways

### Zūm Link Wired Technology

Zūm Link technology enables in-room lighting control through keypads and sensors wired to controllers. Zūm Wired devices connect via CBL-CAT5E-ZUMLINK-P CAT5e cable (sold separately) to provide daisy-chaining and lighting control of compatible loads.

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### Easy Installation

For flexibility and ease-of-use, install Zūm devices (load controllers, keypads, and presence detectors) and connect them with Zūm Link (CBL-CAT5E-ZUMLINK-P) or Zūm Net (CBL-CAT5E-ZUMNET-P) CAT5e cable. Nonsystem occupancy, vacancy, or daylight sensors may also be installed in a Zūm space wired to the a load controller.

### Easy Commissioning

Finish the installation by quickly commissioning the room through the Zūm app. Expedite commissioning by copying a room configuration and sending it to an identical room. Save a room configuration template and share it via the ZUM-HUB4 or the Zūm app. The ZUMLINK-KP Bluetooth® connection is required to configure a Zūm wired space with the Zūm app.

## Specifications

### Load Control

| | |
|---|---|
| **Control Output** | 1A @ 30VAC/VDC |

### Zūm Link Power Bus Requirements

| | |
|---|---|
| **Max Current Consumption** | 17 mA |

### Passive Infrared (PIR) Detection

| | |
|---|---|
| **Coverage** | 360° square mechanically scalable detection zones |
| **Sensors** | Single infrared pyroelectric detector |
| **Detection Zones** | **Presence**: Major motion as described by NEMA WD7;<br>Maximum: 30 x 30 ft (900 sq ft)<br>**Radial**: Motion either directly toward or away from the sensor;<br>Maximum: 30 x 30 ft (900 sq ft)<br>**Tangential**: Motion perpendicular to the sensor;<br>Maximum: 46 x 46 ft (2,116 sq ft) |
| **Light Level Setting** | 10-1000lux / 1-100 fc |

### Controls & Indicators

| | |
|---|---|
| **LED** | (3) Blue LEDs on the sensor head frontplate<br>Flashes upon start up and when triggered to identify itself |

### Connections

| | |
|---|---|
| **ZUMLINK** | (2) RJ-45 orange ports;<br>In-room Zūm Link device daisy-chaining;<br>Maximum 750mA pass-through current including any internal power supply |
| **Output Relays** | (1) Green: Normally open |
| **(Relay models only)** | (1) Blue: Normally closed<br>(1) Red: Common |

### Environmental

| | |
|---|---|
| **Temperature** | 32° to 104°F (0° to 40°C) |
| **Rating** | IP20 rated |

### Enclosure

| | |
|---|---|
| **Material** | Plastic |

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| | |
|---|---|
| **Mounting** | Mount directly in the ceiling, 4 in. square or round junction boxes (not included), or 3 in. mud rings (not included) |

### Dimensions

| | |
|---|---|
| **Height** | 4.73 in. (121 mm) |
| **Width** | 4.73 in. (121 mm) |
| **Depth** | 3.03 in. (77 mm) |

### Compliance

**Regulatory Mode: M202111001**

UL® Listed

## Models

**ZUMLINK-IR-QUATTRO-DLS**
Infrared Presence Detector with Daylight Sensing and Link Communication for Zūm® Wired Lighting Control

**ZUMLINK-IR-QUATTRO-DLS-RLY**
Infrared Presence Detector with Daylight Sensing, HVAC Control, and Link Communication for Zūm® Wired Lighting Control

## Available Accessories

For a list of available accessories, visit ZUMLINK-IR-QUATTRO-DLS and ZUMLINK-IR-QUATTRO-DLS-RLY product pages.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for your local contact.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.



Specifications are subject to change without notice.



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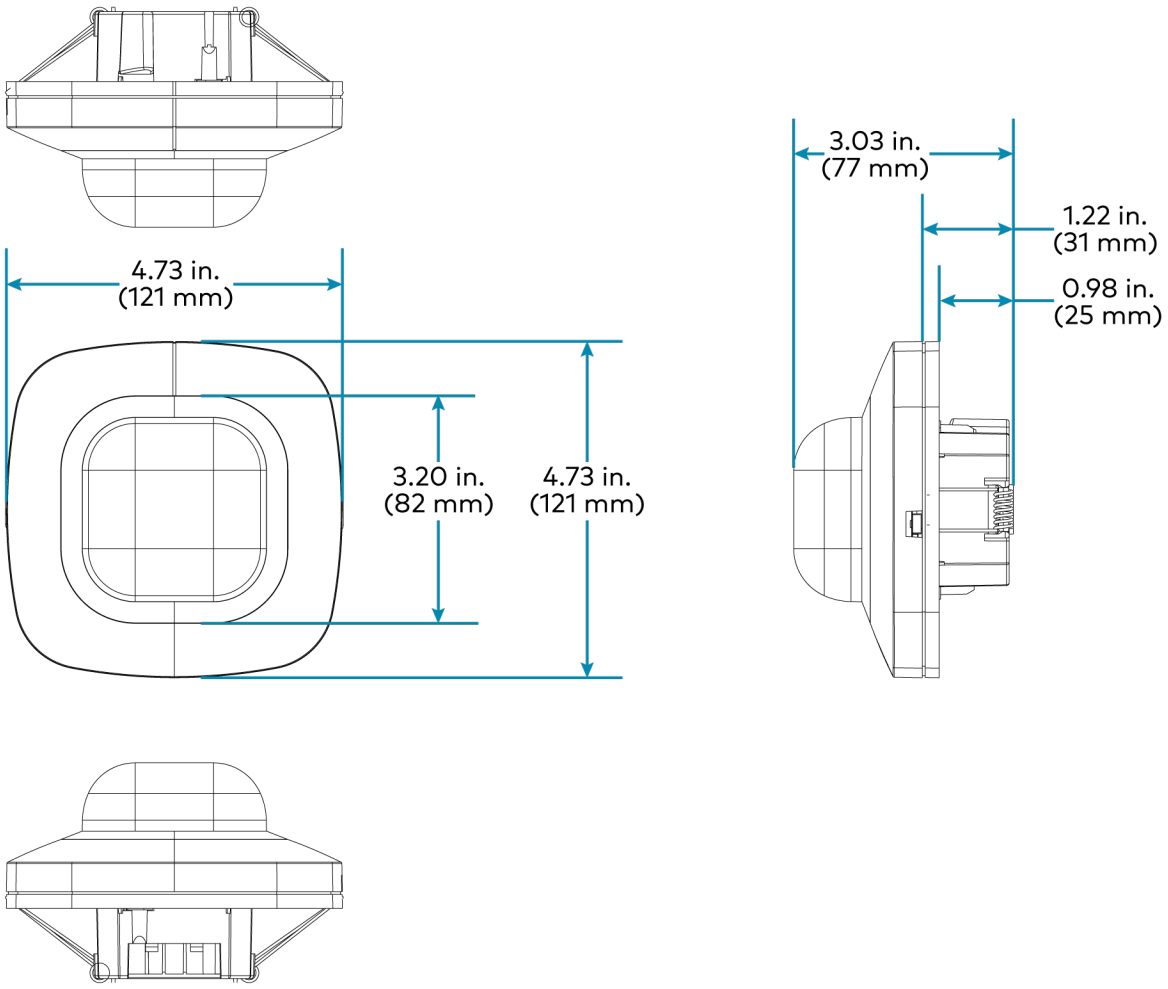


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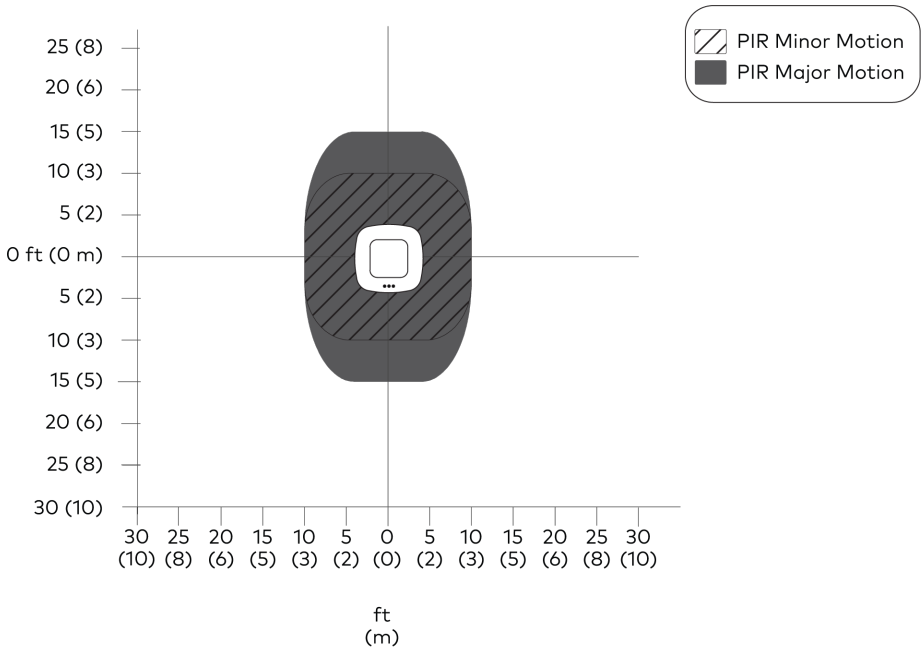
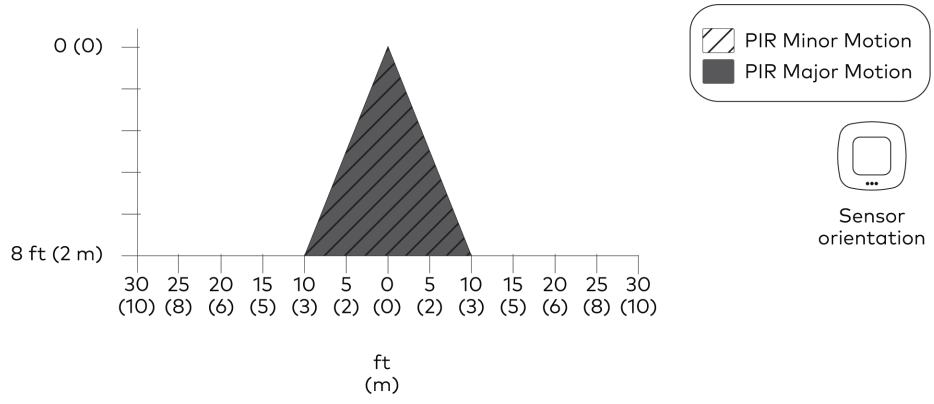
### Beam Pattern Coverage

> **NOTE:** Detection along the far edge of the detection range may be inconsistent.

**Top View**




**Side View Sensor Orientation A**

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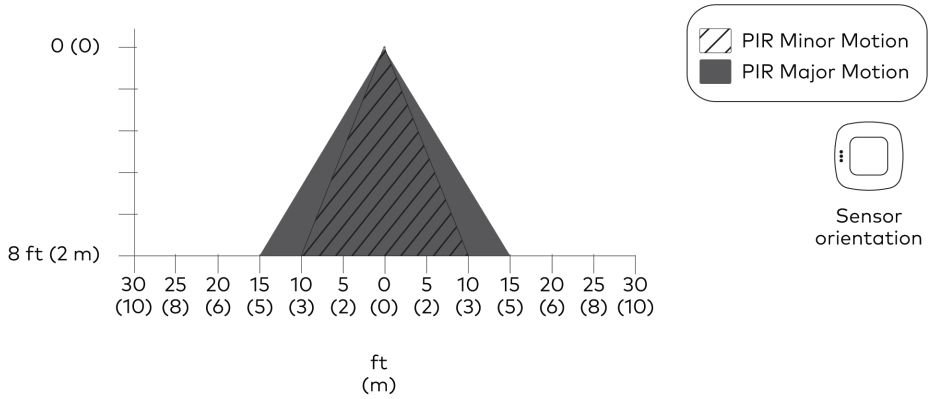
**Side View Sensor Orientation B**

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