

## Ultrasonic Single-Direction Hallway Presence Detector with Zūm® Wired Lighting Control



- *Ceiling-mount presence sensor*
- *Ultrasonic 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 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 a daylight sensor and mount directly to the ceiling or via a junction box (not included). 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.

### Presence Detector with Daylight Sensing

- ZUMLINK-US-ONEWAY-DLS with ultrasonic technology and unidirectional detection for hallways

### Presence Detector with Daylight Sensing and Output Relay

- 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 RJ-45 ports to provide simple daisy-chaining and lighting control of compatible loads. The Zūm Wired devices work together in a local ecosystem to provide customized solutions using the Zūm app via Bluetooth connectivity.

### 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 presence detectors may also be installed to any load controller with analog inputs.

### 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.

## Ultrasonic Single-Direction Hallway Presence Detector with Zūm® Wired Lighting Control

### Specifications

#### Power Requirements

Power Rating	18 - 24VDC/VAC (22 mA)
Control	1A @ 30VAC/VDC
Output	

#### Ultrasonic Detection

Sensing	Unidirectional ultrasonic (40 kHz) occupancy sensor
Coverage	6.5 x 35 ft linear
Detection Zones	Maximum: 35 x 20 ft (700 sq ft)/ 11 x 6 m (66 sq m)  Minimum: 25 x 20 ft (50 sq ft)/ 8 x 6 m (48 sq m)
Light Level Setting	10-1000lux / 1-100 fc

#### Controls & Indicators

LED	(3) Blue LEDs on the sensor head frontplate  Flashes upon start up and when triggered to identify itself
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#### Connections

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

#### Environmental

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

#### Enclosure

Material	Plastic
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 Depth: 2.84 in. (72 mm)

#### Compliance

Regulatory Mode: M202111004

UL® Listed

#### Models

##### ZUMLINK-US-ONEWAY-DLS

Ultrasonic Single-Direction Hallway Presence Detector with Daylight Sensing and Link Communication for Zūm® Wired Lighting Control

##### ZUMLINK-US-ONEWAY-DLS-RLY

Ultrasonic Single-Direction Hallway 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-US-ONEWAY-DLS](#) and [ZUMLINK-US-ONEWAY-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](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

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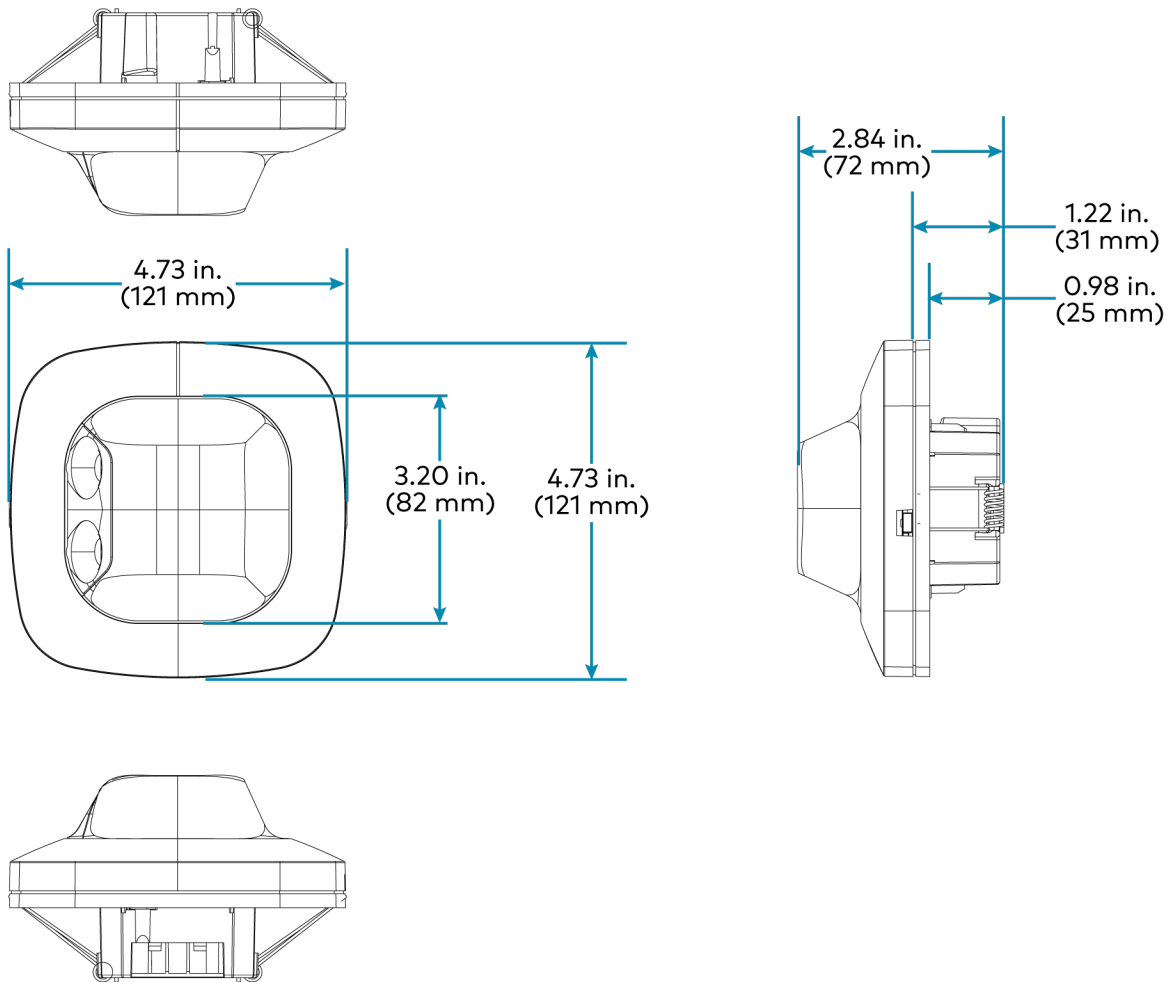
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## Ultrasonic Single-Direction Hallway Presence Detector with Zūm® Wired Lighting Control



## Ultrasonic Single-Direction Hallway Presence Detector with Zūm® Wired Lighting Control

Beam Pattern Coverage

## Ultrasonic Single-Direction Hallway Presence Detector with Zūm® Wired Lighting Control

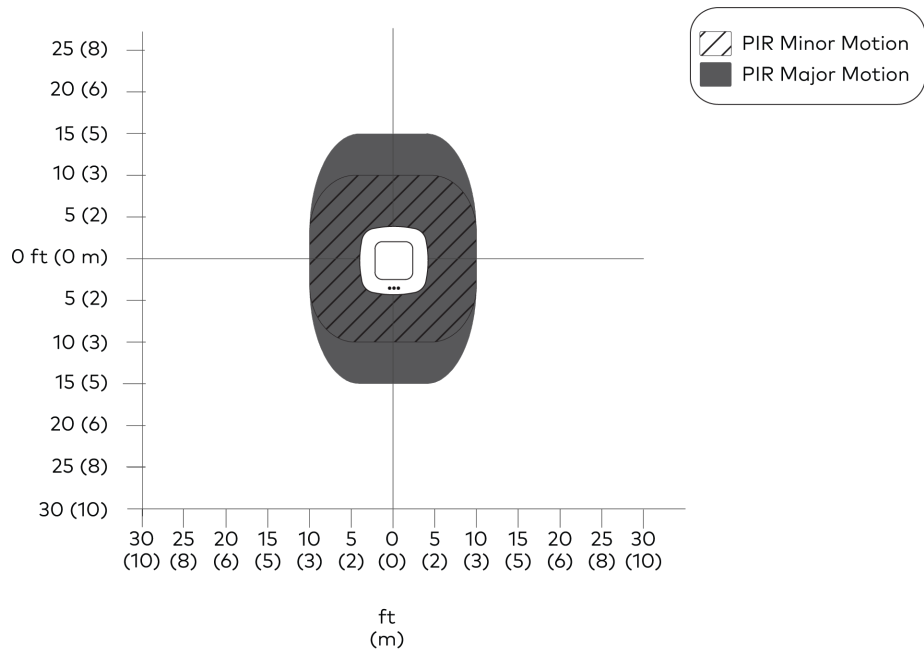
**NOTE:** Detection along the far edge of the detection range may be inconsistent.

Ultrasonic Single-Direction Hallway Presence Detector

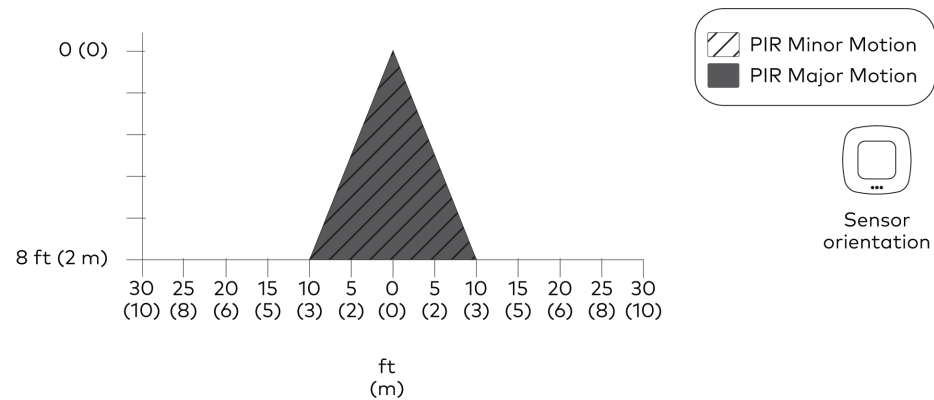
with Zūm<sup>®</sup> Wired Lighting Control

ZUMLINK-IR-QUATTRO-DLS/ ZUMLINK-IR-QUATTRO-DLS-RLY

Top View



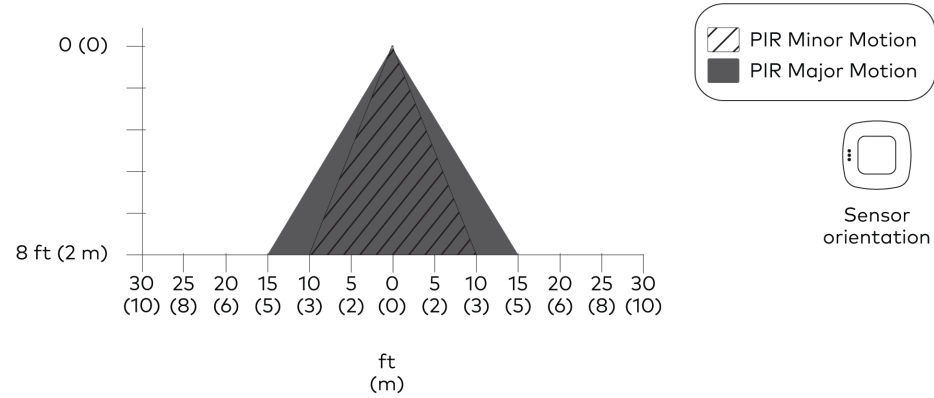
Side View Sensor Orientation A



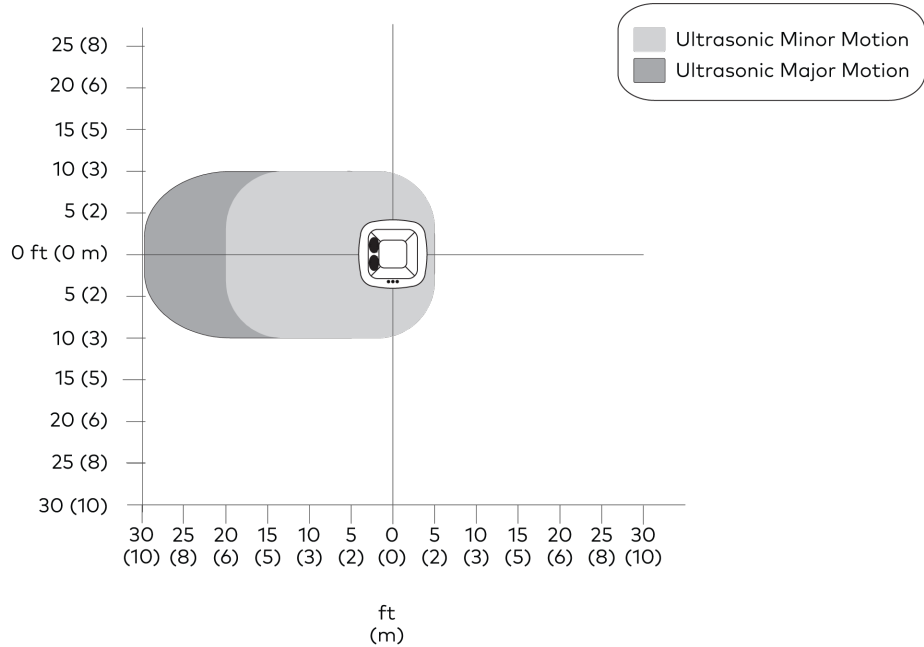
Ultrasonic Single-Direction Hallway Presence Detector

with Zūm<sup>®</sup> Wired Lighting Control

Side View Sensor Orientation B



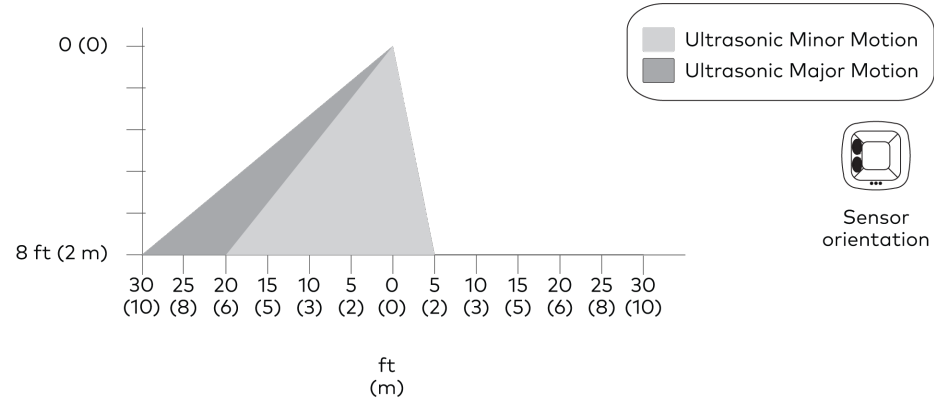
Top View



Ultrasonic Single-Direction Hallway Presence Detector

with Zūm<sup>®</sup> Wired Lighting Control

Side View Sensor Orientation A



Side View Sensor Orientation B

