



**Wattstopper**  
**PIR Ceiling Occupancy Sensor, 24 VDC, Single Aisleway**  
Part No. CX-100-4



Wattstoppers CX-100-4 single aisleway passive infrared (PIR) ceiling/wall sensors detect occupancy to control lighting in a wide variety of applications. These sensors provide superior coverage and performance with great energy savings. Designed for corridor applications where foot traffic is traveling along a linear pathway with long and narrower coverage.

## Features & Benefits

Turns lights on and off based on occupancy

User-adjustable time delay and sensitivity

ASIC technology reduces components and provides greater reliability

Coverage up to 50 linear ft

Built-in light level sensor

Isolated relay for use with HVAC or other control systems

Automatic or manual-on operation when used with a BZ-150 Power Pack

## Specifications

### General Info

|                       |               |            |                                                                                                                          |
|-----------------------|---------------|------------|--------------------------------------------------------------------------------------------------------------------------|
| Product Line          | Wattstopper   | Color      | White                                                                                                                    |
| Finish                | Gloss         | UPC Number | 754182911295                                                                                                             |
| Country Of Origin     | China         | Material   | ABS                                                                                                                      |
| Product Series        | CX-100        | Features   | Adjustable Time Delay, Indicator Lights, Isolated Relay, Light Level Sensor, Power Pack Required, Sensitivity Adjustment |
| Installation Location | Ceiling, Wall | Included   | J-Box Cover Plate, Sensor Mask, Swivel Bracket                                                                           |
| Application Sector    | Commercial    | Standard   | UL, cUL, ISO 9002                                                                                                        |
| Warranty Type         | 5-Year        | Type       | Sensor                                                                                                                   |

Dimensions

|                   |            |                   |        |
|-------------------|------------|-------------------|--------|
| Product Width US  | 3.4 in     | Product Weight US | 0.4 lb |
| Product Volume US | 38.1 cu in | Product Depth US  | 3.3 in |
| Product Height US | 3.4 in     |                   |        |

Additional Information

|                |     |          |     |
|----------------|-----|----------|-----|
| RoHS Compliant | Yes | Security | Yes |
|----------------|-----|----------|-----|

Technical Information

|                           |                          |                           |                                                    |
|---------------------------|--------------------------|---------------------------|----------------------------------------------------|
| Operating Temperature Min | 32 °F                    | Timer Type                | DIP Switch                                         |
| Load Rating               | 1 A @ 24 VDC             | Compatibility             | BZ Power Packs                                     |
| Has Battery               | No                       | Sensor Coverage Pattern   | 180 °                                              |
| Sensor Type               | Occupancy                | Operating Temperature Max | 131 °F                                             |
| Sensor Mounting Height    | 30 ft                    | Light Level Adjustment    | 3-200 fc                                           |
| Number of Buttons         | 0                        | Lens Type                 | Single Aisleway                                    |
| Number of Rockers         | 0                        | Sensor Technology         | Passive Infrared (PIR)                             |
| Timer Duration            | 15 Seconds, 2-30 Minutes | Indicator                 | PIR Detection LED                                  |
| Input Voltage             | 24 VDC/VAC               | Line Frequency            | 60 Hz                                              |
| Indoor/Outdoor            | Indoor                   | Sensor Coverage           | 50 ft                                              |
| Sensitivity Adjustment    | PIR (Min/Max)            | Mounting Type             | Industrial Bracket, J-Box, Surface, Swivel Bracket |
| On Function               | Auto On                  | Current Draw              | 19 mA                                              |
| Operating Temperature     | 0°-55°C, 32°-131°F       | Operating Humidity        | 5-95% RH (Non-Condensing)                          |
| Sensing Range             | 6 x 50 ft                | Location Rating           | Dry                                                |
| Wire Connection Type      | Flying Leads             | Engraving Type            | Blank                                              |

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|                     |                           |
|---------------------|---------------------------|
| Storage Temperature | 23° - 176° F, -5° - 80° C |
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