



Wattstopper
PIR Ceiling Occupancy Sensor 24VDC, Low Temp Sensor, Extended Range
Part No. CB-100-1



The CB-100 passive infrared (PIR) occupancy sensor was engineered for installation in cold and damp conditions including the outdoors. It uses electronic components to allow for reliable operation in extreme temperature and environmental conditions.

Features & Benefits

PIR occupancy sensor for areas of extreme low temperature	Watertight enclosure prevents moisture and dust from affecting detection
Isolated relay contact for use with HVAC or other control systems	Up to 90 linear ft of coverage
Convenient DIP switch adjustments of time delay and sensitivity	Ideal for cold storage rooms, freezers and outdoor locations

Specifications

General Info

Product Line	Wattstopper	Color	Beige
Finish	Gloss	UPC Number	754182265138
Country Of Origin	China	Material	ABS
Product Series	CB-100	Features	Adjustable Time Delay, Indicator Lights, Isolated Relay, Low Temperature, Power Pack Required, Sensitivity Adjustment
Installation Location	Wall	Included	Mounting Screws, Sensor Mask
Application Sector	Commercial	Standard	UL, cUL
Warranty Type	5-Year	Type	Sensor

Dimensions

Product Width US	3.8 in	Product Weight US	0.55 lb
Product Volume US	33.7 cu in	Product Depth US	2.4 in
Product Height US	3.7 in		

Listing Agencies / 3rd Party Agencies

cUL Listed	Yes
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Additional Information

RoHS Compliant	Yes	Energy Savings	No
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Technical Information

Operating Temperature Min	-40 °F	Timer Type	DIP Switch
Load Rating	1 A @ 30 VDC	Compatibility	BZ Power Packs
Has Battery	No	Sensor Coverage Pattern	180 °
Sensor Type	Occupancy	Operating Temperature Max	95 °F
Sensor Mounting Height	10-15 ft	Number of Buttons	0
Lens Type	Extended Range	Number of Rockers	0
Sensor Technology	Passive Infrared (PIR)	Timer Duration	15 Seconds, 5 Minutes, 10 Minutes
Indicator	PIR Detection LED	Input Voltage	24 VDC
Indoor/Outdoor	Outdoor	Sensor Coverage	90 ft
Sensitivity Adjustment	PIR (Min/Med-Low/Med-High/Max)	Mounting Type	J-Box, Surface, Swivel Bracket
On Function	Auto On	Current Draw	20 mA
Operating Temperature	-40°-35°C, -40°-90°F	Operating Humidity	5-95% RH (Non-Condensing)
Sensing Range	Up to 90 linear ft	Location Rating	Damp
Wire Connection Type	Wire Terminal	Engraving Type	Blank
Storage Temperature	23° - 176° F, -5° - 80° C		