



**Wattstopper**  
**Dual Tech Wall Switch Occupancy Sensor, 24V, White**  
Part No. DW-100-24-W



The DW-100-24 dual technology low voltage wall switch sensor combines the benefits of passive infrared (PIR) and ultrasonic technologies to turn lights OFF and ON based on occupancy. It is characterized by high sensitivity to small and large movements, appealing aesthetics, and a variety of features.

## Features & Benefits

Detection Signature Processing eliminates false triggers and provides immunity to RFI and EMI	Vandal resistant lens combines precise coverage with durability
Choice of Manual-ON or Auto-ON operation	Selectable walk-through mode turns lights off three minutes after the room is initially occupied if no motion is detected after the first 30 seconds
Test mode allows quick and easy adjustments	Selectable audible alert for impending shutoff
Includes isolated relay outputs	

## Specifications

### General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182919000
Country Of Origin	China	Product Series	DW-100-24
Features	Adjustable Time Delay, Indicator Lights, Isolated Relay, Light Level Sensor, Power Pack Required, Sensitivity Adjustment	Switch Type	Motion Sensor, Push
Installation Location	Wall	Included	Sensor Mask
Application Sector	Commercial	Standard	UL, cUL
Warranty Type	5-Year	Type	Sensor, Switch

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## Dimensions

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Product Width US	1.8 in	Product Weight US	0.2 lb
Product Volume US	35.1 cu in	Product Depth US	1.7 in
Product Height US	4.1 in		

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## Additional Information

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RoHS Compliant	Yes
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## Technical Information

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Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1 A @ 30 VDC	Compatibility	BZ Power Packs
Ultrasonic Frequency	40 kHz	Has Battery	No
Sensor Coverage Pattern	180 deg	Sensor Type	Occupancy
Operating Temperature Max	131 °F	Sensor Mounting Height	4 ft
Number of Buttons	1	Number of Rockers	0
Sensor Technology	Dual Technology, Passive Infrared (PIR), Ultrasonic	Timer Duration	5 Minutes, 15 Minutes, 30 Minutes
Number of Poles	Single Pole	Indicator	PIR Detection LED, Ultrasonic Detection LED
Input Voltage	18 to 24 VDC, 24 V	Indoor/Outdoor	Indoor
Mounting Type	In-Wall	On Function	Selectable Auto/Manual
Current Draw	35 mA	Operating Temperature	0°-55°C, 32°-131°F

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Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	Major motion: PIR 35 x 30 ft, Ultrasonic 20 x 20 ft, Minor motion: PIR 20 x 15 ft, Ultrasonic 15 x 15 ft
Wire Connection Type	Flying Leads	Engraving Type	Blank
Storage Temperature	23° - 176° F, -5° - 80° C		

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