



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	Gloss	UPC Number	754182919000
Country Of Origin	China	Material	ABS
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		
Dimensions			
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		
Additional Information			
RoHS Compliant	Yes		
Technical Information			
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 °	Sensor Type	Occupancy
Operating Temperature Max	131 °F	Sensor Mounting Height	4 ft
Light Level Adjustment	8-180 fc	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	Sensitivity Adjustment	PIR (Min/Max), Ultrasonic (0-100%)
Mounting Type	In-Wall	On Function	Selectable Auto/Manual
Current Draw	35 mA	Operating Temperature	0°-55°C, 32°-131°F

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
Location Rating	Dry	Wire Connection Type	Flying Leads
Engraving Type	Blank	Storage Temperature	23° - 176° F, -5° - 80° C