



**Wattstopper**  
**Discontinued - Dual Tech Occupancy Sensor, 24VDC, Corner Mt, 40 Khz, USA**  
Part No. DT-200-U



The Wattstopper DT-200 Dual Technology occupancy sensors combine advanced passive infrared (PIR) and ultrasonic technologies into one unit. The combination of these technologies helps to eliminate false triggering problems even in difficult applications. The DT-200 turns lighting systems ON and OFF based on occupancy and ambient light levels. The DT-200 offers numerous operating modes that can be combined to create the ideal custom control. The sensors can be configured to turn lighting ON, and hold it ON as long as either or both technologies detect occupancy. After no movement is detected for the duration of the time delay (30 seconds to 30 minutes) the lights are switched OFF. A "walk-through" mode can turn lights OFF after only 3 minutes, if no activity is detected after 30 seconds of an occupancy detection. The DT-200 operates on 24VDC supplied by Wattstopper Power Packs. DT-200 sensors also have an isolated relay with Normally Open and Normally Closed contacts for interfacing with HVAC or EMS.

## Features & Benefits

Advanced control logic based on RISC micro-controller provides: – Detection Signature Processing Sensors work with low-voltage momentary switches to provide manual control	– Walk-through Mode turns lights off three minutes after the area is initially occupied – ideal for brief visits, such as mail delivery – Available with built-in light level sensor featuring simple, one-step setup
LEDs indicate occupancy detection	Eight occupancy logic options provide the ability to customize control to meet application needs
Available with isolated relay for integration with BAS or HVAC	Swivel mounting bracket for convenient corner mounting to wall or ceiling
BAA/TAA-compliant models available	

## Specifications

### General Info

Product Line	Wattstopper	Color	White
Finish	Glossy	UPC Number	754182910748
Country Of Origin	United States	Product Series	DT-200
Features	Adjustable Time Delay, Indicator Lights, Isolated Relay, Light Level Sensor, Power Pack Required, Sensitivity Adjustment, Test Mode, Walkthrough Mode	Switch Type	Motion Sensor

Installation Location	Ceiling, Wall	Included	J-Box Cover Plate, Sensor Mask, Swivel Bracket
Application Sector	Commercial	Standard	UL, cUL
Warranty Type	5-Year	Type	Sensor
Dimensions			
Product Width US	3.4 in	Product Weight US	0.3 lb
Product Volume US	66.1 cu in	Product Depth US	3.1 in
Product Height US	4.3 in		
Technical Information			
Operating Temperature Min	32 °F	Timer Type	DIP Switch
Load Rating	1 A @ 30 VDC	Compatibility	BZ Power Packs, Wattstopper PLUS Sensor Interface Module
Ultrasonic Frequency	40 kHz	Has Battery	No
Sensor Coverage Pattern	90 deg	Sensor Type	Occupancy
Operating Temperature Max	131 °F	Sensor Mounting Height	10 ft
Number of Buttons	0	Number of Rockers	0
Sensor Technology	Passive Infrared (PIR), Ultrasonic	Timer Duration	30 Seconds, 5-30 Minutes
Indicator	PIR Detection LED, Ultrasonic Detection LED	Input Voltage	18 to 28 VDC/VAC
Indoor/Outdoor	Indoor	Sensor Coverage	2000 sq ft
Mounting Type	J-Box, Surface, Swivel Bracket	On Function	Auto On
Current Draw	33 mA	Operating Temperature	0°-55°C, 32°-131°F

Operating Humidity	5-95% RH (Non-Condensing)	Sensing Range	38 ft, 55 ft
Wire Connection Type	Flying Leads	Engraving Type	Blank
Storage Temperature	23° - 176° F, -5° - 80° C		