



Wattstopper  
**DLM Dual Tech Ceiling Mount Sensor V4, Black**  
Part No. LMDC-100-BK



The LMDC-100 low profile Dual Technology Ceiling Mount Occupancy Sensor uses both passive infrared (PIR) and ultrasonic technologies to achieve precise occupancy sensing for energy-efficient control of lighting and plug loads. It is a digital sensor, and is part of a Wattstopper Digital Lighting Management (DLM) system.

## Features & Benefits

Plug n' Go™ automatic configuration for quick installation and maximum energy savings

Digital Lighting Management components plug together on a free-topology Category 5e DLM local network

Ultrasonic diffusion technology spreads coverage to a wider area (patented); 40KHz signal

Detection Signature Processing eliminates false triggers and provides immunity to RFI and EMI

Push n' Learn™ functionality for customization without the need for tools or a PC

Infrared (IR) transceiver for wireless configuration and control

360 degree PIR coverage

## Specifications

### General Info

|                       |             |            |                                                                                           |
|-----------------------|-------------|------------|-------------------------------------------------------------------------------------------|
| Product Line          | Wattstopper | Color      | Black                                                                                     |
| Finish                | Matte       | UPC Number | 754182948772                                                                              |
| Country Of Origin     | China       | Material   | ABS                                                                                       |
| Product Series        | LMDC-100    | Features   | Adjustable Time Delay, Indicator Lights, Load Controller Required, Sensitivity Adjustment |
| Installation Location | Ceiling     | Included   | Spring Clips                                                                              |

|                               |                                             |                           |                                                     |
|-------------------------------|---------------------------------------------|---------------------------|-----------------------------------------------------|
| Application Sector            | Commercial                                  | Standard                  | UL, cUL, FCC part 15, RoHS, PEP                     |
| Warranty Type                 | 5-Year                                      | Type                      | Sensor                                              |
| Dimensions                    |                                             |                           |                                                     |
| Product Width US              | 4.5 in                                      | Product Weight US         | 0.2 lb                                              |
| Product Volume US             | 44.55 cu in                                 | Product Depth US          | 2.1 in                                              |
| Product Height US             | 4.5 in                                      |                           |                                                     |
| Additional Information        |                                             |                           |                                                     |
| Product Environmental Profile | Yes                                         |                           |                                                     |
| Technical Information         |                                             |                           |                                                     |
| Operating Temperature Min     | 32 °F                                       | Timer Type                | Digital                                             |
| Compatibility                 | DLM Wired, Infrared Wireless                | Ultrasonic Frequency      | 40 kHz                                              |
| Has Battery                   | No                                          | Sensor Coverage Pattern   | 360 °                                               |
| Sensor Type                   | Occupancy                                   | Operating Temperature Max | 104 °F                                              |
| Sensor Mounting Height        | 10 ft                                       | Number of Buttons         | 0                                                   |
| Number of Rockers             | 0                                           | Sensor Technology         | Dual Technology, Passive Infrared (PIR), Ultrasonic |
| Timer Duration                | 5-30 Minutes                                | Topology                  | Free Topology                                       |
| Indicator                     | PIR Detection LED, Ultrasonic Detection LED | Input Voltage             | 24 VDC                                              |
| Indoor/Outdoor                | Indoor                                      | Sensor Coverage           | 1000 sq ft                                          |
| Sensitivity Adjustment        | PIR (0-100%), Ultrasonic (0-100%)           | Mounting Type             | 4 in Octagonal J-Box, Ceiling Tile, Surface         |
| On Function                   | Auto On                                     | Current Draw              | 20 mA                                               |

|                       |                            |                    |                           |
|-----------------------|----------------------------|--------------------|---------------------------|
| Operating Temperature | 0°-40°C, 32°-104°F         | Operating Humidity | 5-95% RH (Non-Condensing) |
| Sensing Range         | 25 x 25 ft, 32 ft diameter | Location Rating    | Dry                       |
| Wire Connection Type  | RJ-45                      | Engraving Type     | Blank                     |
| Storage Temperature   | 23° - 176° F, -5° - 80° C  |                    |                           |