



Wattstopper
DLM Dual Tech Corner Mount Sensor, USA
Part No. LMDX-100-U



The LMDX-100 Digital Dual Technology Corner 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

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

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

Infrared (IR) transceiver for wireless configuration and control

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

Sensor coverage tested to NEMA Guide Publication WD 7-2000

Specifications

General Info

Product Line	Wattstopper	Color	White
Finish	Gloss	UPC Number	754182927609
Country Of Origin	United States	Material	ABS
Product Series	LMDX-100	Features	Adjustable Time Delay, Indicator Lights, Load Controller Required, Sensitivity Adjustment

Installation Location	Ceiling, Corner, Wall	Included	Mounting Plate, Mounting Screws, RJ-45 Coupler
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Application Sector	Commercial	Standard	UL, cUL, FCC part 15, RoHS, PEP, BAA, TAA
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Warranty Type	5-Year	Type	Sensor
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Dimensions

Product Width US	2.5 in	Product Weight US	0.3 lb
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Product Volume US	114.0 cu in	Product Depth US	3.8 in
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Product Height US	3.0 in		
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Trade Programs

BAA	Yes		
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Additional Information

RoHS Compliant	Yes	DesignLights Consortium Qualified System	Yes
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Security	Yes		
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Technical Information

Operating Temperature Min	32 °F	Timer Type	Digital
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Compatibility	DLM Wired, Infrared Wireless	Ultrasonic Frequency	40 kHz
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Has Battery	No	Sensor Coverage Pattern	90 °
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Sensor Type	Occupancy	Operating Temperature Max	131 °F
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Sensor Mounting Height	10 ft	Number of Buttons	0
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Number of Rockers	0	Sensor Technology	Dual Technology, Passive Infrared (PIR), Ultrasonic
Timer Duration	1-30 Minutes	Topology	Free Topology
Indicator	PIR Detection LED, Sensor Binding (PNL) LED, Ultrasonic Detection LED	Input Voltage	24 VDC
Indoor/Outdoor	Indoor	Sensor Coverage	2000 sq ft
Sensitivity Adjustment	PIR (0-100%), Ultrasonic (0-100%)	Mounting Type	Ceiling Tile, J-Box, Surface
On Function	Auto On	Current Draw	20 mA
Operating Temperature	0°-55°C, 32°-131°F	Operating Humidity	5-95% RH (Non-Condensing)
Sensing Range	28 ft, 45 ft	Location Rating	Dry
Wire Connection Type	RJ-45	Engraving Type	Blank
Storage Temperature	23° - 176° F, -5° - 80° C		