

DT-355- DUAL TECHNOLOGY LINE VOLTAGE CEILING SENSOR



This is the dual technology line voltage ceiling sensor. Wattstopper's low profile DT-355 dual technology occupancy sensor combines the benefits of passive infrared (PIR) and ultrasonic technologies. The sensor mounts on the ceiling with a flat, unobtrusive appearance and provides 360 degrees of coverage.

The DT-355 is line voltage and operates on a single phase at 120, 230, 277 or 347 VAC. The sensor turns lighting on when both PIR and ultrasonic technologies detect occupancy. PIR technology senses the difference between infrared energy from a human body in motion and the background space. Ultrasonic technology uses high frequency (40kHz) ultrasound to sense motion within the space. Once lighting is on, detection by either technology holds lighting on. When no occupancy is detected for the length of the time delay, lighting turns off. The DT-355 can also be set so that only one technology is needed to trigger or both technologies are needed to hold lighting on. **Check out Wattstopper DLM products [here](#).**

E0HR-100 SERIES – SELF-POWERED RF HANDHELD REMOTE



This is the self-powered RF handheld remote. E0HR-100 Series handheld remotes provide wireless remote control of lighting loads wired to E0SW-100 Series RF Wall Switches. They do not require any electrical connections or any batteries for operation. Models are available with one or two control buttons. Prior to use, each control button on an E0HR-100 remote must be paired with selected load(s). The remote switches operate using kinetic energy generated when a user pushes a control button. The button action transmits an RF signal to the paired RF Wall Switch(es) connected to the controlled load(s) to toggle the load(s) on or off. The RF transmission range is approximately 50' to 150', depending on product placement. **Check out Wattstopper DLM products here.**

- Handheld remotes work with E0SW-100 RF wall switches
- Provide multi-way control without wires
- Self powered switches do not require batteries
- Include holster for optional mounting

E0KT-100 SERIES – SENSOR /

SWITCH INSTALLER KIT



This is the sensor / switch installer kit. The EOPC-100 Wireless RF PIR Occupancy Sensor works with EOSW-100 Series RF Wall Switches to turn lights on and off based on occupancy. The sensor mounts on the ceiling and provides 360° passive infrared coverage. EOPC-100 wireless sensors operate on power supplied by two photovoltaic panels capable of reaching a full charge in 6 hours when the ambient light level is 20 footcandles (215 lux). Each sensor can be paired with multiple loads controlled by RF wall switches. Paired loads configured for automatic-on operation turn on when a sensor transmits an RF signal that it has detected occupancy. As long as the sensor detects occupancy it continues transmitting signals to the paired wall switch receivers. All paired loads turn off when no occupancy has been detected for the duration of the selected time delay. **Check out Wattstopper DLM products [here](#).**

- Wireless RF occupancy sensors work with EOSW-100 Series RF wall switches
- Detection Signature Processing to eliminate false triggers and provide immunity to RFI and EMI
- Trimpot for sensitivity adjustment
- Test mode allows quick and easy set up
- Includes plate for mounting to single- or double-gang junction boxes or ceiling tile
- Reversible magnetic/adhesive disc for surface mounting
- Sensor coverage tested to NEMA Guide Publication WD 7-2000

EORS 100 SERIES – SELF-POWERED RF REMOTE SWITCHES



This is the self-powered RF remote switches. EORS-100 Series remote switches provide wireless remote control of lighting loads wired to EOSW-100 Series RF Wall Switches. They do not require any electrical connections or any batteries for operation. Models are available with one or two control buttons in a single-gang device. Prior to use, each control button on an EORS-100 remote switch must be paired with selected load(s). The remote switches operate using kinetic energy generated when a user pushes a control button. The button action transmits an RF signal to the paired RF Wall Switch(es) connected to the controlled load(s) to toggle the load(s) on or off. **Check out Wattstopper DLM products [here](#).**

- Remote switches work with EOSW-100 RF wall switches
 - Provide multi-way control without wires
 - Self powered switches do not require batteries
 - Compatible with decorator wall plates
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EOSW-100 SERIES – RF WALL SWITCHES



This is the RF wall switches. EOSW-100 Series RF Wall Switches work with EOPC-100 wireless occupancy sensors, and optional EORS-100 and EOHR-100 remote switches, to turn lights on and off based on occupancy. Models are available to control one or two switched legs in applications with or without neutral wires at the switch box. Both single and dual relay RF wall switches fit in single gang junction boxes for direct control of one or two loads. Each wall switch can be paired with one or more EOPC-100 wireless sensors for occupancy-based control. By default, single relay wall switches operate in manual-on/automatic-off mode. Dual relay switches are factory set for auto-on to 50%; relay 1 is automatic on/off, and relay 2 is manual-on/automatic-off. When occupancy is no longer detected and the time delay elapses, lights automatically turn off. These sequences of operation, and other default settings, may be changed using hidden configuration buttons. EOSW-100 RF dual relay switches allow for separate pairing of each controlled load (relay) to the integral switch buttons. Additionally, each load may be paired with selected wireless occupancy sensors and selected buttons on RF remote switches. The RF transmission range is approximately 50' to 150' depending on product placement. **Check out Wattstopper DLM products here.**

- RF wall switches work with EOPC-100 wireless occupancy sensors
- Zero-crossing for long relay life

- Choice of manual-on or auto-on operation
 - EOSW-111 and EOSW-112 comply with 2011 NEC requirements
 - Selectable time delay
 - Test mode allows quick and easy set up
 - Compatible with decorator wall plates
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EW-200 SERIES – OUTDOOR MOTION SENSOR



This is the outdoor motion sensor. Wattstopper's EW outdoor motion sensors provide occupancy based control of outdoor lighting. Raintight and rated for -40°F to 130°F, EW sensors perform reliably in all weather conditions.

EW sensors operate at line voltage and can be mounted onto a standard, outdoor junction box. Utilizing advanced PIR technology, the sensors detect the difference between infrared energy in motion and the background space to turn lighting on when a person or vehicle enters the coverage area. After the area is vacated and the time delay elapses, lighting automatically turns off. The EW's dual PIR detectors and three level lens increase the detection density as well as the accuracy of motion detection. **Check out Wattstopper DLM products here.**

- Sensors can be mounted on walls, eaves, or ceilings for installation convenience

- 270° coverage
 - Front rotates for easy coverage adjustment
 - Precision, double-shot tooling with internal silicon gaskets prevents water and dust contamination
 - No tools needed to aim or adjust lamp holders for speedier installation
 - Optional override-ON to turn lights on remotely for the length of the time delay
 - ON/OFF control based on daylight levels via adjustable light level setting
 - Zero crossing circuitry reduces stress on the relay and results in increased sensor life
 - ASIC enhances reliability and helps to eliminate false triggers
 - Pulse Count Processing eliminates false triggers and provide RFI and EMI immunity
 - Patented Voltage Drop Protection
 - Solid state digital microprocessor offers increased reliability
 - User-adjustable time delay from 12 seconds to 16 minutes
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LMBC-300 – 2 NETWORK BRIDGE MODULE DLM



This is the 2 network bridge module DLM. The LMBC-300 Digital Network Bridge provides a segment network connection for a

group of Digital Lighting Management (DLM) local network devices. This enables individual DLM local networks to be aggregated into a larger system, which, in turn, can be remotely managed from a DLM Segment Manager or a building automation system (BAS). **Check out Wattstopper DLM products [here](#).**

FEATURES:

- Component of Digital Lighting Management integrated control systems
- Adds segment network functionality a to DLM local network
- Communicates all DLM local network data and device settings to a Segment Manager and/or LMCS software
- Easy integration with BAS through use of standard BACnet objects to represent DLM local network device settings and states
- Class 2 operation and plenum rated housing facilitate simple installation
- DIN rail mounting clamp provided with the unit to facilitate box or panel mounting
- UL 2043 plenum rated
- This product meets the materials restrictions of RoHS
- BAA/TAA-compliant models available

LMDW-100 SERIES – DUAL TECHNOLOGY WALL SWITCH



This is the dual technology wall switch. LMDW-100 Series Digital Dual Technology Wall Switch Occupancy Sensors use PIR and ultrasonic technology to detect occupancy for energy-efficient control of lighting and plug loads. They also include one or two switch buttons for manual control of selected loads, and are part of a Wattstopper Digital Lighting Management (DLM) system. **Check out Wattstopper DLM products here.**

FEATURES:

- 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
- Infrared (IR) transceiver for wireless configuration and control
- Sleek single gang devices fit decorator wall plates; 1- and 2-button models; six color options
- Sensors may be used for multi-way control
- Each switch button can control individual or multiple loads, or one scene; LED indicates status
- Each switch button can be used to raise or lower load levels
- Detection Signature Processing eliminates false triggers and provides immunity to RFI and EMI
- Sensor coverage tested to NEMA Guide Publication WD 7-2000
- This product meets the materials restrictions of RoHS

LMDX-100 – DUAL TECHNOLOGY CORNER MOUNT OCCUPANCY SENSOR



This is the dual technology corner mount occupancy sensor. 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. **Check out Wattstopper DLM products [here](#).**

FEATURES:

- 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

- The product meets the materials restrictions of RoHS
 - BAA/TAA-compliant models available
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LMLS MB — PHOTOSENSOR MOUNTING BRACKET



The LMLS-MB1 and LMLS-MB2 mounting brackets provide the flexibility to mount the LMLS-400 and LMLS-500 Photosensors to walls, skylight wells or J-Boxes. They are specifically designed to be used in conjunction with these Photosensors.

FEATURES:

- Material: ABS, UL 94 5V Flame Retardant Material
 - Indoor Use Only
 - Mounting Options:
 - LMLS-MB1: 4-Square J-Box / 2-Gang J-Box
 - LMLS-MB2: Screw to Wall / Tape to wall with double sided tape
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LMLS-400 – SINGLE ZONE SWITCHING & DIMMING CLOSED LOOP DIGITAL PHOTOSENSOR



This is the single zone switching & dimming closed loop digital photosensor. The LMLS-400 is a closed loop photo sensor that measures the ambient light level in order to automatically switch or dim one zone of lighting. It is part of a Digital Lighting Management (DLM) system and sends light level signals to control loads connected to DLM on/off or dimming room controllers. The LMLS-400 has a photodiode with an extended range of 1-6,553 foot-candles (fc), and photopic correction to mimic the human eye, for precise measurement of visible light. **Check out Wattstopper DLM products [here](#).**

FEATURES:

- Digital Lighting Management components plug together on a free-topology Cat 5e DLM local network
- Test mode override of programmed time delay allows easy verification of selected settings
- Load status verification allows confirmation and testing of controlled load
- Infrared (IR) transceiver for wireless configuration and control
- Compatible with DLM wall switches for manual override, if desired
- LED status indicators
- Mounting options for hard ceilings, dropped ceilings and

- suspended lighting fixtures
- Complies with California Title 24, Section 119 requirements
- The product meets the materials restrictions of RoHS
- BAA/TAA-compliant models available

****See LMLS MB for mounting bracket options****

LMLS-500 – MULTI-ZONE OPEN LOOP DIGITAL PHOTOSENSOR



This is the multi-zone open loop digital photosensor. The LMLS-500 is an open loop, multi-zone photosensor that measures the daylight contribution in order to automatically switch or dim up to three zones of lighting. It is part of a Digital Lighting Management (DLM) system and sends light level signals to control loads connected to DLM on/off or dimming room controllers. The LMLS-500 has a photodiode with an extended range of 1-6, 553 footcandles (fc), and photopic correction to mimic the human eye, for precise measurement of visible light. **Check out Wattstopper DLM products [here](#).**

FEATURES:

- Digital Lighting Management components plug together on a free-topology Cat 5e DLM local network
- Test mode override of programmed time delay allows easy

verification of selected settings

- Load status verification allows confirmation and testing of controlled load
- Infrared (IR) transceiver for wireless configuration and control
- Compatible with DLM wall switches for manual override, if desired
- LED status indicators
- Mounting options for toplit or sidelit applications
- Complies with California Title 24, Section 119 requirements
- RoHS compliant
- Qualifies for ARRA-funded public works projects