**Features**

- Interchangeable Line & Load Wires - Impossible to Wire Backwards
- Accommodates Neutral (3-Wire) and No-Neutral (2-Wire) Installation
- Electronically Timed Switching Ensures Long Relay Life
- Compatible with 0-10V Dimmable LED, and Fluorescent Lighting
- Meets NEC Guidelines Regarding Current Leakage

The product utilizes the latest passive infrared technology and digital signal processing techniques to provide unmatched motion detection performance. These units are also available with an integrated microphone to provide overlapping passive acoustic occupancy detection for rooms with obstructions or where occupant motion is limited. For dimming adjustment, intuitive raise and lower buttons are present in addition to an on/off button.

**Basic Operation:**

Sensors detect movement using PIR as they move within the devices field-of-view. Once occupancy is identified, the sensor’s powers on to the connected lighting. Once lights are on the unit’s microphone is enabled to further enhance detection. An internal timer is set to keep lights on during brief periods of inactivity, and is reset every time occupancy is signaled by either the PIR or acoustic detection technologies. Ambient daylight detection can also be enabled in equipped units so that lights are held off in rooms with sufficient light contribution from windows or skylights.

**OPERATION SETTINGS**

- High-End & Low-End Trim
- Turn On/Turn Off Dimming Operation
- Fade On/Fade Off Times
- Dimming Curve
- Ambient Light (Daylight) Detection
- Operational Modes
  - Vacuum Mode
  - Occupancy Mode
  - Automatic On w/ Exit Time Mode
  - Override Off Mode
  - Disabled Switch Mode
  - Presentation Mode

---

**PART NUMBER**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWX-131-D-WH</td>
<td>0-10V dimming. PIR detection + daylight. Partial on - Auto-ON to 50% - WHITE</td>
</tr>
<tr>
<td>SWX-131-D-IV</td>
<td>0-10V dimming. PIR detection + daylight. Partial on - Auto-ON to 50% - IVORY</td>
</tr>
<tr>
<td>SWX-131-D-LA</td>
<td>0-10V dimming. PIR detection + daylight. Partial on - Auto-ON to 50% - LIGHT ALMOND</td>
</tr>
<tr>
<td>SWX-131-D-GY</td>
<td>0-10V dimming. PIR detection + daylight. Partial on - Auto-ON to 50% - GREY</td>
</tr>
</tbody>
</table>
**0-10V Dimming Wall Switch Sensor, Line Voltage**

**WIRING**

**STANDARD WIRING**
- Unit works both in installations where Neutral connection is available as well as installations where only Ground connection is present.
- The unit’s two black wires are interchangeable (e.g., one connects to line power, one connects to load).

**3-WAY WIRING**

**TWO SENSORS IN PARALLEL**
- Only one sensor can be model with 0-10V Dimming.
- Both sensors must time out for lights to turn off (or both buttons must be switched).
- Recommended for Automatic On (Occupancy) applications only.

**INSTALLATION**

**FRONT**
- **BREAK-OFF BRACKET EARS**
- **LED INDICATOR**
- **SENSOR FACE**
- **LOWER**
- **ON/OFF BUTTON**
- **RAISE**

**SIDE**
- **SUPPLIED MOUNTING SCREWS FOR MOUNTING TO SINGLE GANG SWITCH BOX**
- **BREAK-OFF BRACKET EARS**

**COVERAGE PATTERNS**
- **30° to 48° (0.76 - 1.22 m) recommended mounting height**
- **Wall to wall (~180 degree) coverage**
- **Small motion (e.g., hand movement) detection up to 20 ft (6.10 m), ~625 ft²**
- **Large motion (e.g., walking) detection greater than 36 ft (10.97 m), ~2025 ft²**
- **Overlapping acoustic detection of occupants over entire coverage area**
- **Advanced signal processing filters out nuisance noises while not affecting overall sensitivity**

**ELECTRICAL**
- **Operating Voltage**: 120/277 VAC, 50/60 Hz
- **Load Ratings**: MAX: 800W @ 120VAC, 1200W @ 277VAC
- **MIN**: None

**ENVIRONMENT**
- **Operating Temperature**: 32°F to 122°F (0°C to 50°C)
- **Relative Humidity**: 0-95% Non-Condensing, Indoor Use Only

**PHYSICAL**
- **Size**: 2.74”H x 1.68”W x 1.39”D (6.96 x 4.27 x 3.53 cm) Not Including Mounting Strap
- **Weight**: 4.5 oz
- **Mounting**: Single Gang Switch Box

**ORDERING INFO**

**SAMPLE MODEL #: SWX-103-D • Vacancy Manual On to Last Level**

**TOLL FREE**: 877-873-2797 or Direct 604-873-2797 | lighting@douglaslightingcontrols.com | www.douglaslightingcontrols.com