



Project Name: _____
Part Number: _____ Date: _____

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 a 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.

PART NUMBER	DESCRIPTION
SWX-131-D-WH	0-10V dimming. Dual-Tech + daylight. Partial on - Auto-ON to 50% - WHITE
SWX-131-D-IV	0-10V dimming. Dual-Tech + daylight. Partial on - Auto-ON to 50% - IVORY
SWX-131-D-LA	0-10V dimming. Dual-Tech + daylight. Partial on - Auto-ON to 50% - LIGHT ALMOND
SWX-131-D-GY	0-10V dimming. Dual-Tech + daylight. Partial on - Auto-ON to 50% - GREY
SWX-124-D-WH	0-10V dimming. Dual-Tech. Vacancy - Manual-ON - WHITE
SWX-124-D-IV	0-10V dimming. Dual-Tech. Vacancy - Manual-ON - IVORY
SWX-124-D-LA	0-10V dimming. Dual-Tech. Vacancy - Manual-ON - LIGHT ALMOND
SWX-124-D-GY	0-10V dimming. Dual-Tech. Vacancy - Manual-ON - GREY

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
 - Vacancy Mode
 - Occupancy Mode
 - Automatic On w/ Exit Time Mode
 - Override Off Mode
 - Disabled Switch Mode
 - Presentation Mode

Powered by SensorWorx

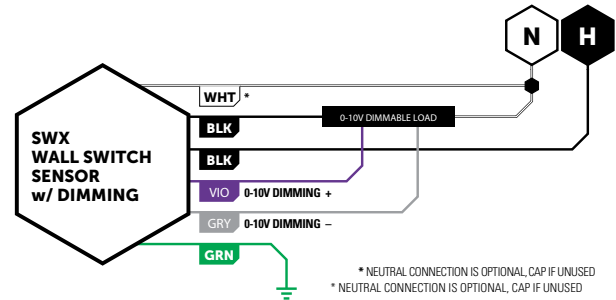


SENSORWORX

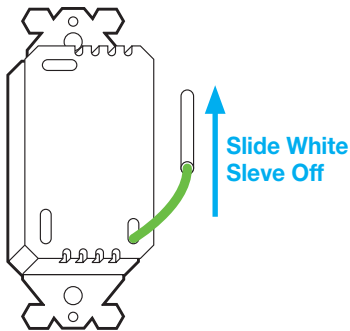
WIRING

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)



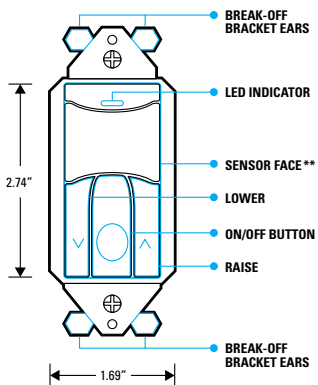
NEUTRAL TO GROUND WIRE CONVERSION DETAIL



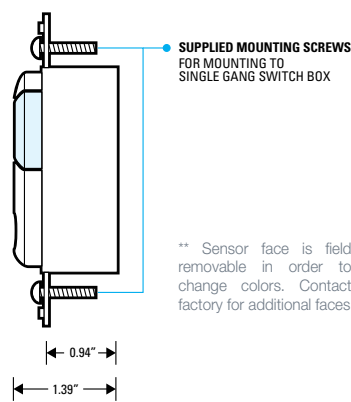
NOTE: This product is UL listed and meets NEC-404.2(c) & 404.22 guidelines regarding powering over ground & current leakage. Powering over ground is permitted for replacement / retrofit only.

INSTALLATION

FRONT



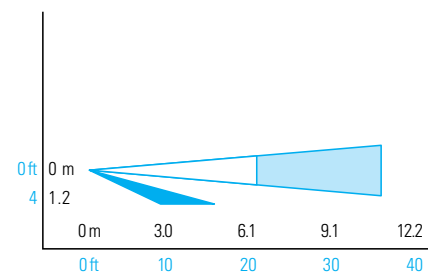
SIDE



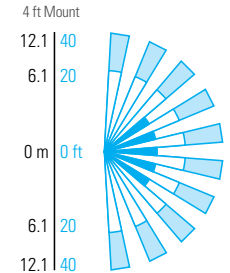
COVERAGE PATTERNS

- 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 effecting overall sensitivity

SIDE VIEW



TOP VIEW



ELECTRICAL	<ul style="list-style-type: none"> • Operating Voltage: 120/277 VAC, 50/60 Hz • Load Ratings: MAX: 800W @ 120VAC 1200W @ 277VAC MIN: None 	<ul style="list-style-type: none"> • Load Types: LED Driver/Lamps CFL, Electronic/Magnetic Ballasts (Fluorescent) Tungsten (Incandescent) • Dimming Compatibility: 0-10 VDC ballasts or drivers compliant with IEC 60929 Annex E.2 • Dimming Load: - 50 mA (sink only)
ENVIRONMENT	<ul style="list-style-type: none"> • Operating Temperature: 32°F to 122°F (0°C to 50°C) • Relative Humidity: 0-95% Non-Condensing, Indoor Use Only 	
PHYSICAL	<ul style="list-style-type: none"> • 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 	