



SENSORWORX®

LOW VOLTAGE WIRED CONTROLS PRODUCT SELECTION GUIDE



WIRED
WHERE SIMPLE IS
THE KEY TO **SUCCESS**



WIRED DESIGNS AS EASY AS A, B, C, D...

- Provides simple, code-compliant solutions for individual room/area applications
- Out-of-the-box functionality for Auto ON/OFF control
- Vacancy (Manual On/Auto Off), Partial Off/On, & daylight harvesting options available

A START BY CHOOSING A POWER PACK

SWX-900 SERIES POWER PACK CONTROLLERS

SWITCHES AND DIMS FULL CIRCUITS OF LIGHTING & PLUG LOADS

Load controllers with capabilities ranging from switching a full circuit of lighting and plug loads to 0-10V step dimming.



LINE VOLTAGE
POWER PACK CONTROLLERS

SWX-900 SERIES

120/277VAC
16A LED Driver/Electronic Ballasts
20A General Purpose Plug Loads

- Powers Low Voltage Sensors
- Switches Line Voltage Loads
- Electronically Timed Switching Ensures Long Relay Life
- Plenum Rated (UL 2043)
- Optional Switch Input for Manual On, Hold On, or Hold Off operation
- Optional 0-10V Stepped Dimming Output for Partial Off/On Operation

MODEL #	DESCRIPTION
SWX-900	Power Pack, 120/277 VAC, 16A
SWX-900-AX	Power Pack w/ Auxiliary Switch Input, 120/277 VAC, 16A
SWX-900-AX-D2	Power Pack w/ Auxiliary Switch Input & 0-10V Step Dimming, 120/277 VAC, 16A

B ADD THE OCCUPANCY SENSOR(S) NEEDED FOR THE SPACE

LOW VOLTAGE OCCUPANCY SENSORS

PIR OR DUAL TECH. (PIR+ACOUSTIC) DETECTION

- Digital Passive Infrared (PIR) Motion Detection
- Added Passive Acoustic Detection (i.e. Dual Tech) Optional
- 360° Ceiling, 120° Wide View, & Hallway PIR Coverage Patterns
- Compact Size & Matte White (Standard) or Black (Optional) Finish
- Included Mounting Nipple Attachment with Integrated Hole Saw
- Multiple Contractor Friendly Mounting Methods
- Convenient Test Mode and Adjustable Time Delays
- Optional Photocell, Daylight Harvesting (0-10V), & Isolated Relay



CEILING PIR SENSOR
360° Passive Infrared Detection

SWX-201-1

- Best choice for smaller general use areas
- ~500 ft² small motion coverage @ 8-12' mounting heights

SWX-202-1

- Best choice for larger areas with mostly walking motion
- ~2000 ft² large motion coverage @ 8-15' mounting heights

CEILING DUAL TECH SENSOR
Adds Passive Acoustic Detection

SWX-221-1

- Best choice for areas with primarily sitting occupants
- ~500 ft² small motion coverage @ 8-12' mounting heights

SWX-222-1

- Best choice for larger areas with limited sitting occupants
- ~2000 ft² large motion coverage @ 8-15' mounting heights



HALLWAY SENSORS
Long Range Passive Infrared Detection

SWX-402-1

- Excellent for corridors & best in facing pairs
- Coverage to 100' @ 8-12' mounting heights

WIDEVIEW SENSORS
120° Passive Infrared Detection with Optional Acoustic Detection

- Best when corner mounted @ 8-12' heights
- ~40' small motion range
- ~70' large motion range

SWX-401-1

Passive Infrared Detection (PIR)

SWX-421-1

Dual PIR/Acoustic Detection

MODEL #	DESCRIPTION
SWX-201-1	Small Motion 360° Ceiling Sensor - PIR, Low Voltage
SWX-221-1	Small Motion 360° Ceiling Sensor - Dual Tech, Low Voltage
SWX-202-1	Large Motion 360° Ceiling Sensor - PIR, Low Voltage
SWX-222-1	Large Motion 360° Ceiling Sensor - Dual Tech, Low Voltage
SWX-203-1	High Bay 360° Ceiling Sensor - PIR, Low Voltage
SWX-401-1	Wide View Sensor - PIR, Low Voltage
SWX-421-1	Wide View Sensor - Dual Tech, Low Voltage
SWX-402-1	Hallway Sensor - PIR - Low Voltage

ADDITIONAL OPTIONS	DESCRIPTION
-AR	Adds Isolated Auxiliary Relay Output
-BK	Black Sensor Lid and Lens
-HE	High Humidity / Low Temp. Environment

WIRED, WHERE SIMPLE IS THE KEY TO SUCCESS



C ADD PHOTOCELL OR DAYLIGHT HARVESTING CONTROLS

DAYLIGHT HARVESTING/PHOTOCELL CONTROL OPTIONS

- Standalone and an Occupancy Sensor Integrated Solution
- Multiple Operational Modes including Full On/Off Control and Daylight Harvesting (i.e. Dimming) to Low Trim or Off
- Auto-Setpoint Selection Mode
- Adjustable High & Low Dimming Trim Level



SOLUTION 1: STANDALONE DAYLIGHT HARVESTING/PHOTOCELL SENSORS

MODEL #	DESCRIPTION
SWX-250-1	On/Off Photocell - Ceiling Mount, Low Voltage
SWX-250-1-D	Daylight Harvesting Photocell - Ceiling Mount, Low Voltage, 0-10V Dimming



SOLUTION 2: OCCUPANCY SENSORS WITH INTEGRATED DAYLIGHT HARVESTING/PHOTOCELL OPTION

MODEL #	DESCRIPTION
SWX-211-1	Small Motion 360° Ceiling Sensor - PIR, Photocell, Low Voltage
SWX-211-1-D	Small Motion 360° Ceiling Sensor - PIR, Daylight Harvesting (0-10V), Low Voltage
SWX-231-1	Small Motion 360° Ceiling Sensor - Dual Tech, Low Voltage
SWX-231-1-D	Small Motion 360° Ceiling Sensor - Dual Tech, Daylight Harvesting (0-10V), Low Voltage
SWX-212-1	Large Motion 360° Ceiling Sensor - PIR, Photocell, Low Voltage
SWX-212-1-D	Large Motion 360° Ceiling Sensor - PIR, Daylight Harvesting (0-10V), Low Voltage
SWX-232-1	Large Motion 360° Ceiling Sensor - Dual Tech, Low Voltage
SWX-232-1-D	Large Motion 360° Ceiling Sensor - Dual Tech, Daylight Harvesting (0-10V), Low Voltage
SWX-213-1	High Bay 360° Ceiling Sensor - PIR, Photocell, Low Voltage
SWX-213-1-D	High Bay 360° Ceiling Sensor - PIR, Daylight Harvesting (0-10V), Low Voltage
ADDITIONAL OPTIONS	DESCRIPTION
-AR	Adds Isolated Auxiliary Relay Output
-HE	High Humidity / Low Temp. Environment



D FINISH WITH SWITCH OR DIMMER

SWX-80x SERIES LOW VOLTAGE WALL STATIONS

OPTIONAL SWITCHES FOR VACANCY OPERATION AND MANUAL ON/OFF/DIMMING CONTROLS

These intuitive wall stations can be wired to a SWX-900-AX for ON/OFF control and/or directly to 0-10V lighting for manual dimming control.



LOW VOLTAGE
SWITCHING/DIMMING
WALL STATIONS

SWX-801
SWX-803
SWX-804

- Decorator Style Fits Common Wall Plates (not included)
- Less than 1" Depth in Wall Box
- Multiway Switching Capable (e.g., 3-way, 4-way)
- LED Location Aid
- Available in White (WH), Ivory (IV), Light Almond (LA), Black (BK), & Red (RD)

MODEL #	DESCRIPTION
SWX-801-xx	Decorator On/Off Switch - 1-Button Momentary, Low Voltage, < xx = color >
SWX-803-xx	Decorator Dimmer & Switch - 3-Button, Momentary, Low Voltage, 0-10V, < xx = color >
SWX-804-xx	Decorator Dimmer & Switch - 4-Button, Momentary, Low Voltage, 0-10V, < xx = color >

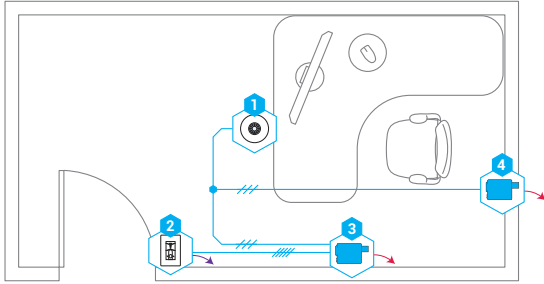
Low Voltage Wall Stations with Integrated Occupancy Sensors also available, see website for details.



PRODUCT WIRING & INSTALLATION

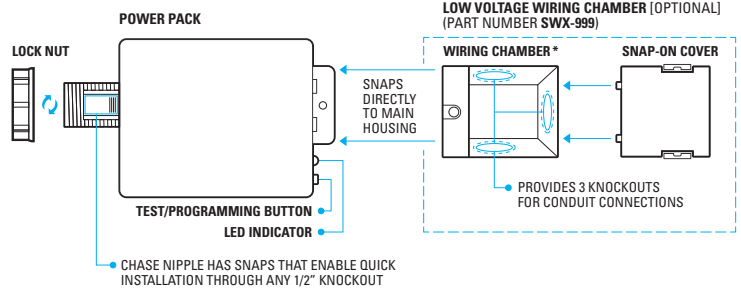
AS EASY AS 1, 2, 3...

1 STEP 1 LOCATE THE PRODUCT PLACEMENT IN THE ROOM

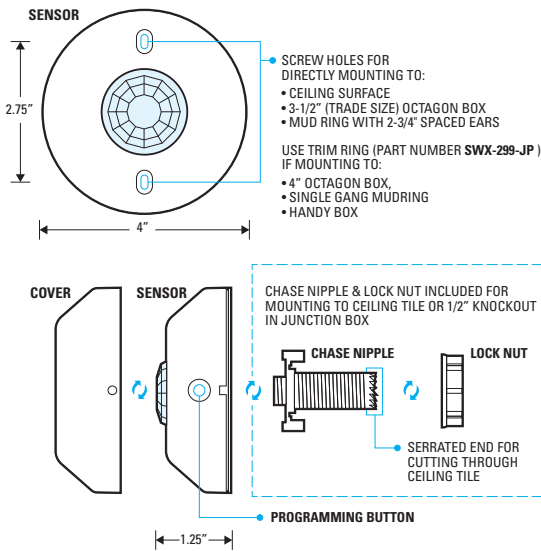


2 STEP 2 MOUNT DEVICES USING SIMPLE METHODS SHOWN BELOW

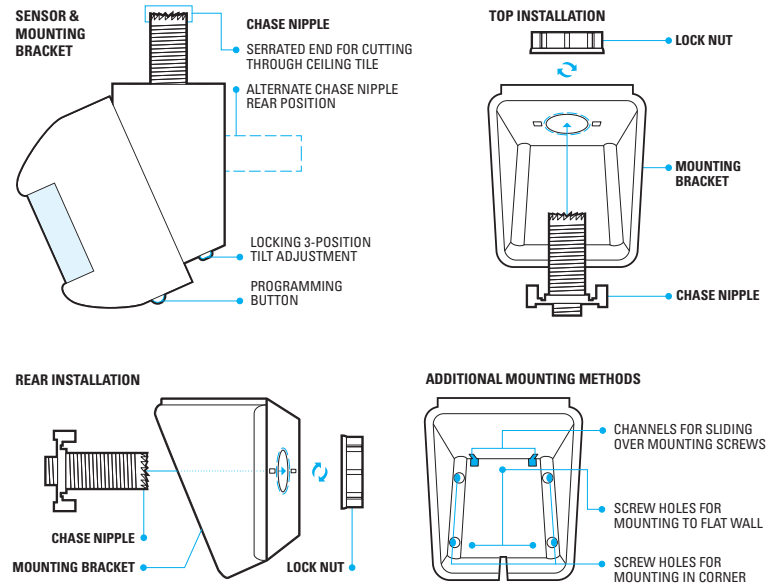
POWER PACK MOUNTING



CEILING SENSOR MOUNTING



WIDE VIEW / HALLWAY SENSOR MOUNTING



3 STEP 3 CONNECT WIRES COLOR TO COLOR, SYSTEM WILL OPERATE AS AUTO ON/OFF WITH NO ADDITIONAL SETUP

