

IWSZP3P

Passive Infrared Wall Switch Sensor

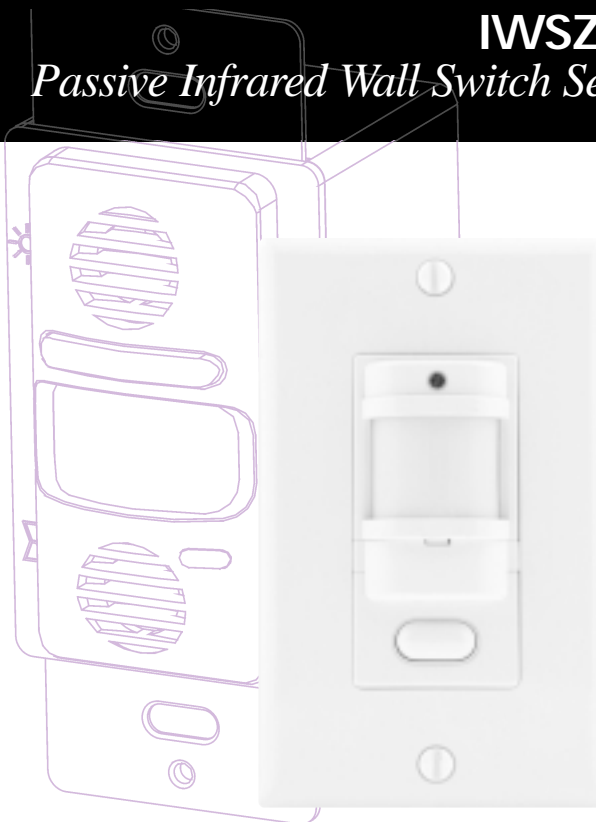
KEY FEATURES

- Zero Arc Point Switching (Patent #5,821,642)
- Dual 120/277V AC Operation
- Integral light level sensor
- Compatible with electronic ballasts and PL lamps
- No minimum load requirement
- High immunity to RFI and EMI
- Adjustable time delay of 30 seconds to 30 minutes
- Five-year limited warranty

GENERAL OPERATION

The IWS is designed to replace any existing wall switch with quick and easy installation it provides a fast return on investment. A low profile housing design, combined with an elegant lens, provides the perfect wall switch for any application, including private offices, conference rooms, break rooms, lounges, storage areas, and bathrooms.

The IWS sensor provides excellent energy savings as well as reliable motion detections. The IWS monitors an established area through a Fresnel™ PIR lens and is alerted by a moving heat source, such as a human body. When a person enters the sensor's field of view, the Fresnel™ lens focuses the IR energy emitted by that person onto a pyroelectric detector. The detector and the associated electronic circuit cause the IWSZP3P to automatically switch "ON" available lighting. For instances where manual user interface is desired the IWSZPM is available. The IWSZPM requires the user to manually switch on the lighting and then maintains the lighting automatically. With a fully adjustable time delay, sensitivity, and light level control, convenience and performance are optimized. The IWSZP3P's integral photocell provides increased energy savings for areas where there is already ample natural light. The IWS Power Supply (Patent #4,874,962) and ZAPS Circuitry (Patent #5,821,642) allow the sensor to operate in tandem with any lighting load including electronic ballasts, PL lamps and exhaust fans. The IWS sensors operate at 120/277V AC and do not require a neutral connection.



SPECIFICATIONS

- Coverage of 180°, maximum 900 sq. ft.
- Dual voltage operation: 120/277V AC
- Fully adjustable time delay: 30 seconds to 30 minutes
- Fully adjustable sensitivity: 20% - 100%
- Integral light level sensor: 5 to 200 foot-candles
- Operating temperature: 0°F - 100°F (-18°C - 38°C)
- Multi-segment IR Fresnel lens
- LED walk test indicator
- Zero Arc Point Switching to eliminate high inrush currents (Patent #5,821,642)
- No minimum load requirement Compatible with electronic ballasts and PL lamps
- High immunity to RFI and EMI
- Available in Ivory (I) and White (W)
- Five-year limited warranty
- Dimensions: 4.5" x 2.75" x 1.625" (114mm x 70mm x 41mm)

The IWS sensor provides excellent energy savings as well as reliable motion detections.

MODELS

Cat. No.	Color	Coverage	Recommended Application
IWSZP3P	Ivory/White	1000 sq. ft.	Office*
IWSZPM	Ivory/White	1000 sq. ft.	Office**

*Auto ON/Auto OFF

**Manual ON/Auto OFF



ORDERING INFORMATION

IWSZP3P

Passive Infrared 120/277V AC 60 Hz. 800W/1000W ballast
80°, 900 sq. ft. Wall Switch @120V, 1/6 HP AUTO/ON/OFF
800W ballast @277V

IWSZPM

Passive Infrared 120/277V AC 60 Hz. 800W/1000W ballast
180°, 900 sq. ft. Wall Switch, Manual @120V, 1/6 HP
ON/AUTO/OFF 1800W ballast @277V

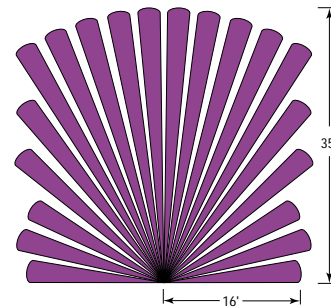
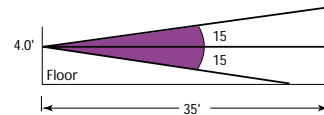
Coverage and Placement

The IWSZP3P has a 180° field of view with a coverage radius of 900 sq. ft. when mounted at 48 inches.

Mounting

The IWSZP3P sensor may be mounted using a single gang electrical box. All sensors may be used in either a single pole or 3-way application.

RANGE DIAGRAM



ORTHOGRAPHIC PROJECTION

