

# LOW VOLTAGE SENSOR SERIES

## Sensors: Ultrasonic, Infrared and Power Pack

Achieve energy savings through occupancy sensors with reduced size, fixture mounted, low voltage lighting control. Choose from either ultrasonic or passive infrared sensors. All sensor models are paired with a universal power pack.



### PAC0470P – POWER PACK

Designed for use inside the channel or ballast cavity of the fixture, the power pack switches line voltage and supplies low voltage power to each sensor. The power pack has an RJ45 receptacle. Each sensor has a cable terminating with an RJ45 plug. Once assembled, the cable carries lighting control signals from the sensor to the power pack and power from the power pack to the sensor. Each power pack can supply power for up to seven low voltage series sensors.

### COVERAGE DATA

**PAC0470S** 30' x 24'

**PAC0470X** vertical range of 24' and if positioned at a 20° angle, can usually cover 2 landings and two sets of stairs.

**PAC0548** 18' diameter



### PAC0470 – ULTRASONIC SENSOR

The ultrasonic occupancy sensor detects motion by transmitting sound waves which is beneficial for areas that do not provide a direct line of sight. Two models are available. PAC0470S is for ceiling mount applications including office, cubicles, conference rooms and hallway. PAC0470X is for wall mount applications and is ideal for stairwells. The sensor must be positioned within 2 feet of a power pack. One PAC0470 sensor can be used with each power pack.

### ELECTRICAL SPECIFICATIONS

**PAC0470P** 30' x 24'  
100 ~ 277 VAC, 60HZ

**PAC0470S & PAC0470X**  
24VDC, 43mA  
Ultrasonic frequency: 40KHZ

**PAC0548** 24VDC, 6.5 mA



### PAC0548 – PASSIVE INFRARED SENSOR

The passive infrared sensor controls lighting based on motion and must be positioned in an area with a direct line of sight. It has an adjustable ambient light sensor that prevents the lights from coming on when there is already enough light in the room. The sensor must be positioned within 6 feet of a power pack. Up to seven PAC0548 sensors can be used with one power pack.

### DIMENSIONS

**PAC0470P** 7.5" x 1" x .87"

**PAC0470S** 6.1" x 1.3" x 1.05"

**PAC0470X** 6.1" x 1.3" x 1.05"

**PAC0548** 1.34" x 1.34" x 1.26"

## ADDITIONAL FEATURES

All sensors have a time delay that keeps the lights on for a selected amount of time once the area is vacated. All units will automatically come back on after a power failure and will stay on for at least two minutes regardless of occupancy. The PAC0470 sensors have a test mode button as well as a 72 hour burn in feature. When used with bi-level or dimming ballasts, the PAC0470 sensor can provide up to 66% energy savings.

## ORDERING INFORMATION

Series	Mounting Style	Technology
<b>PAC0470S</b>	<b>CEILING</b>	<i>Ultrasonic</i>
<b>PAC0470X</b>	<b>WALL</b>	<i>Ultrasonic</i>
<b>PAC0548</b>	<b>CEILING</b>	<i>Passive Infrared</i>
<b>PAC0470P</b>		<i>Power Pack</i>

All products UL listed and comply with latest codes

Temperature Range 0–55°C

National Electrical Code (NEC)

5-Year Warranty



877-333-0036

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