

# Low Profile Passive Infrared Ceiling Sensor

CEILING AND WALL MOUNT OCCUPANCY SENSORS

TITLE  
24  
COMPLIANCE



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_



*PIR10*

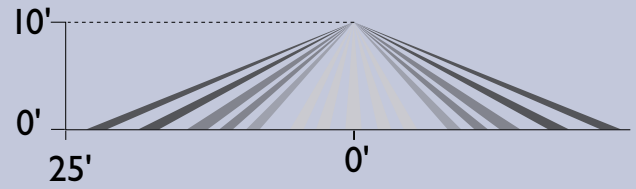
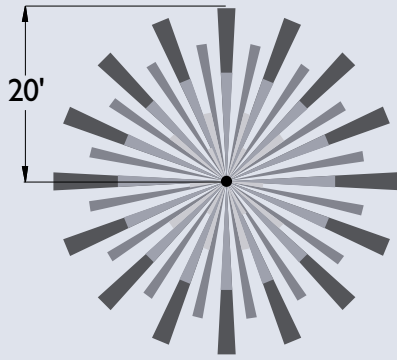
The PIR10 uses passive infrared (PIR) technology to turn lighting on and off based on occupancy. Designed specifically for areas with long-range major-motion activity, the PIR10 provides a long-term trouble-free operation. The sensor's design is both visually pleasing and physically compact.

## PRODUCT FEATURES

- Low-profile design
- Integral photocell control
- Auxiliary relay version available
- Line-voltage version available
- 1,500 square-foot, 360° coverage area
- Optional Quick-to-Install (QTI) connector
- UL and cUL listed
- California Title 24 compliant
- Five-year warranty
- 120-347 Vac
- Low voltage device: 24 Vdc



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## General Specifications

Sensitivity	Fully adjustable: 20% –100%
Timer timeout	Fully adjustable: 30 seconds–30 minutes
LED lamp	Walk test indicator (blinking light indicates the sensor is working)
Integral photocell	Natural-light override range: 5–200 foot-candles (5–200 lux)
Auxiliary relay	SPDT; 1 A rated @ 24VDC (Model PIR10EMS only)
Coverage	360° coverage area 1,500 square feet @ 10' mounting height
Power requirements	PIR10P: 120–347 VAC PIR10EMS: 24 VDC, 10 mA (uses UVPP and MP-Series power pack—not included)
Output	24 VDC active high-logic control signal with short-circuit protection and optional dry contact (see: EMS Option)
Operating environment	Indoor use only Operating temperature: 32° to 131°F (0° to 55°C) Relative humidity (non-condensing): 0% to 95%
Construction	Housing – Rugged, high-impact, injection-molded plastic KJB ABS Cyclic (UL-945VA) flame class rating, UV inhibitors Color-coded leads are 6" long
Size and weight	Size: 4.0" diameter, 1.9" height (101 mm diameter, 48mm height) Weight: 3.0 oz
Color	White
Mounting	Metal mounting ring provided (PIR10EMS only) PIR10 sensors can be mounted using a 3-0 round mud ring attached to a 4" square electrical box Recommended MAX mounting height: 10ft.
Certifications	UL and cUL listed
Warranty	Five years

## Ordering Information

### MODEL

<b>PIR10P</b>	Passive Infrared Line Voltage Ceiling Sensor
<b>PIR10EMS</b>	Passive Infrared Low Voltage Sensor with Aux. Relay
<b>PIR10EMSQTI</b>	Passive Infrared Low Voltage Ceiling Sensor, with Relay and Quick To Install Connector



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