



Ceiling and Wall Mount Occupancy Sensors

Dual Technology and Passive Infrared

Line Voltage Ceiling Mount Sensor

KEY FEATURES

- Self-contained power supply
- 2000 sq. ft. coverage
- 5 Programming options
- Adjustable time delay
- Adjustable sensitivity
- UL and cUL listed
- Five-year warranty



OVERVIEW

The CUI5002000P is a line voltage ceiling mount occupancy sensor that combines both ultrasonic (US) and passive infrared (PIR) sensing technologies to turn lighting systems on and off based on occupancy. Designed specifically to meet the challenges found in areas where long-range major motion detection is needed, the CUI5002000P provides long-term, trouble free operation.

FEATURES and BENEFITS

Features

Self-contained power supply

2000 sq. ft. coverage

5 Programming options

Adjustable time delay / Adjustable sensitivity

Benefits

• Does not require Class 2 (low voltage) wiring or a separate power/switch pack

• Wide coverage area

• Easy configuration of sensor based on room size and environment

• Sensor can be easily adjusted to meet the needs of the room occupants

APPLICATIONS

- Offices
- Conference rooms
- Storage facilities

SPECIFICATIONS

Sensitivity	<ul style="list-style-type: none">Fully adjustable: 0% - 100%
Timer Timeout	<ul style="list-style-type: none">Fully adjustable: 30 sec. to 30 min.
Ultrasonic output	<ul style="list-style-type: none">Operating frequency: 32.7kHz
Passive Infrared	<ul style="list-style-type: none">Multi-segmented, high-density Fresnel™ IR lens
LED Lamp	<ul style="list-style-type: none">Walk test indicatorRed – Infrared motion, Green – Ultrasonic motion
Coverage	<ul style="list-style-type: none">360 degreesUp to 2000 sq. ft.
Power Requirements	<ul style="list-style-type: none">CUI5002000P120 – 120 VAC, 50/60 HzCUI5002000P277 – 277 VAC, 50/60 Hz
Electrical Ratings	<ul style="list-style-type: none">CUI5002000P120 – 2400 watts @ 120 VAC 50/60 HzCUI5002000P277 – 5000 watts @ 277 VAC 50/60 Hz
Output	<ul style="list-style-type: none">24 VDC active high logic control signal
Operating environment	<ul style="list-style-type: none">Indoor use onlyOperating temperature: 32° – 122° F (0° to 50° C)
Construction	<ul style="list-style-type: none">Housing – Rugged, high impact, injection molded plasticColor-coded leads
Size & Weight	<ul style="list-style-type: none">Size: 4.87” dia., 2.44” deep (123.7 mm dia., 62mm deep)Weight: 3.0 oz
Color	<ul style="list-style-type: none">White
Mounting	<ul style="list-style-type: none">Sensors may be mounted using a single gang mud ring attached to a 4-inch square electrical boxRecommended MAX mounting height: 9 Ft.
Certifications	<ul style="list-style-type: none">UL and cUL Listed
Warranty	<ul style="list-style-type: none">5 years

HOW TO ORDER

Catalog Number	Description	Color	Coverage
CUI5002000P120	Ultrasonic and Passive Infrared Line Voltage Ceiling Sensor, 120VAC	White	2000 sq. ft.
CUI5002000P277	Ultrasonic and Passive Infrared Line Voltage Ceiling Sensor, 277VAC	White	2000 sq. ft.



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