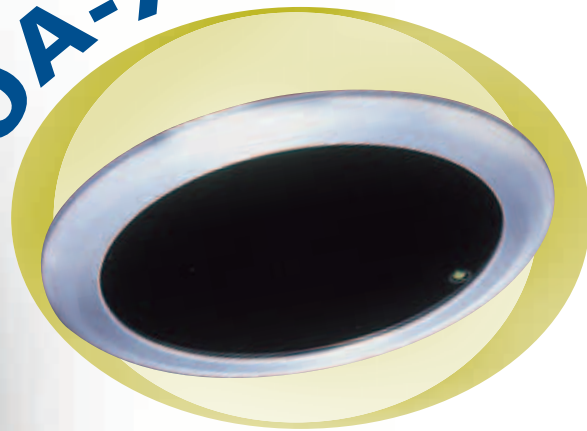




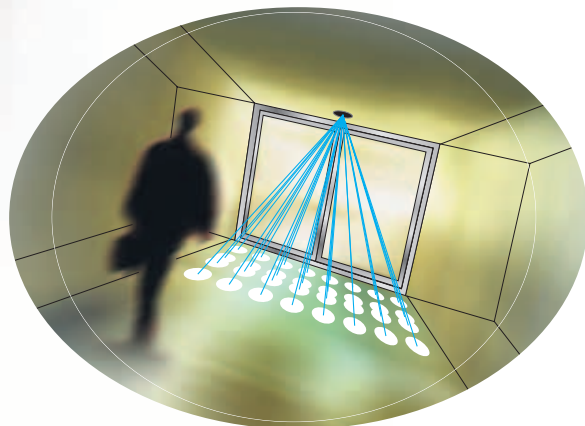
Ceiling-mount Door Sensor

OA-70C



Safety Reliable **QUALITY** **Flexible**
Ceiling mount sensor Large pattern **CONCEALED**
Easy adjustment **ACTIVATION** **Presence detection**

OA-70C is a ceiling mount type infrared sensor for automatic doors. Its stylish design and flexible detection area setting fit to any entrance.



Safe and Stable Operation

The OA-70C has the ability to detect the presence of a person or object within its field of view. Thus, keeping the door open anytime someone is near. The presence timer can be adjusted for 2, 30 or 60 seconds. In addition, snow mode is built-in to add stability in locations where the sensor is exposed to harsh environments.

High Mount Capability

High ceilings are not a problem to the OA-70C. The sensor can be mounted up to as high as 13 ft. above the floor.

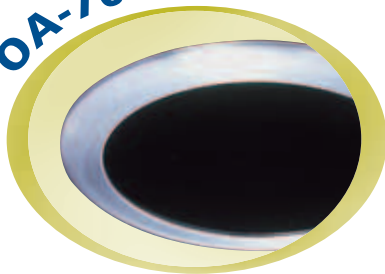
Flexible Detection Area

Adjust the detection area Left and Right and move it closer or further away from the door. Adjustment is accomplished by the movement of independent threshold and approach areas. Fine adjusters allow for adjustment to within 1" of the moving face of the door.

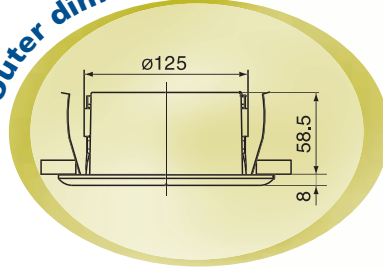
Easy installation

The OA-70C comes with built-in mounting flanges. Simply cut the hole, connect the wires and pop the sensor into place.

OA-70C



Outer dimensions



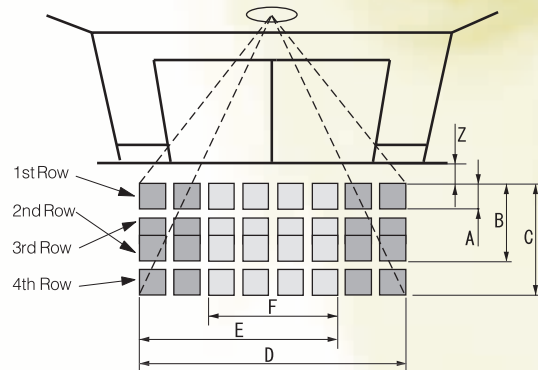
Ceiling-mount Door Sensor

Specifications

| | |
|----------------------------|--|
| Model | OA-70C (Ceiling mounted type) |
| Mounting height | 6'6 3/4" (2.0m) to 13'1 1/2" (4.0m) |
| Detection area | See diagram at right. |
| Detection method | Active Infrared Reflection method |
| Detection area adjustments | 1 and 2 Row -16° to 8° 3 and 4 Row - 6° to 12° |
| Power supply | 12 ~ 30V AC/DC |
| Power consumption | Max. 250mA (at 12V AC) |
| Power/Operation indicators | Stand-by: Green Detection Active: Orange and/or red "Form C" relay (no-voltage relay) |
| Output | 50V 0.1A max. (resistance load) |
| Relay Hold Time | Approx. 0.5 sec. |
| Operating Temperature | -4°F to +131°F (-20°C to +55°C) |
| Weight | 340g (sensor only) |
| Components and accessories | 1 sensor, 1 Mounting Template, 1 Cable (3m), 1 Operation Manual |

The specifications herein are subject to change without prior notice due to improvements.

Detection area chart



Note: Row 1 and 2 are Presence Detection. Row 3 and 4 are Motion Detection.

Dimensions in this chart are based on factory default settings and sensor mounted 11 3/4" from face of moving panel to center of sensor.

| | 2000 | 2500 | 3000 | 3500 | 4000 |
|-----------------|----------|-----------|------------|-------------|-----------|
| Mounting height | 6'6 3/4" | 8'2 7/16" | 9'10 1/8" | 11'5 13/16" | 13'1 1/2" |
| Depth | A | 490 | 610 | 730 | 850 |
| | B | 700 | 860 | 1030 | 1200 |
| | C | 870 | 1090 | 1310 | 1530 |
| Width | D | 2'10 1/4" | 3'6 15/16" | 4'3 9/16" | 5'1 1/4" |
| | E | 2020 | 2520 | 3030 | 3540 |
| | F | 67 1/2" | 8'3 3/16" | 9'11 5/16" | 11'7 3/8" |
| | Z | 140 | 100 | 60 | 10 |

Actual Detection Area may vary slightly based upon environmental conditions. Installer must perform walk test to verify conformance with minimum requirement of the current ANSI Standard.



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