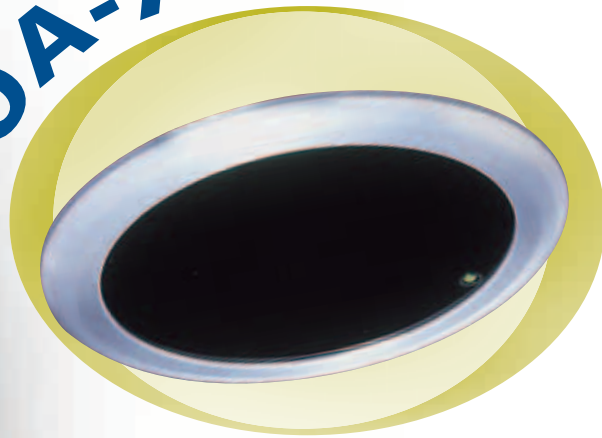




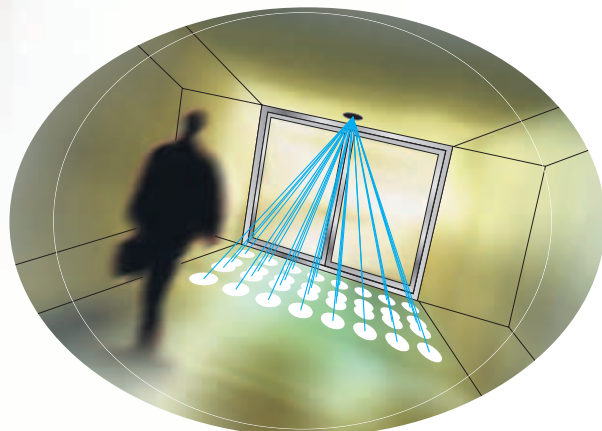
Ceiling-mount Door Sensor

OA-70C



Safety Reliable **QUALITY** **Flexible**
Large pattern **Ceiling mount sensor** 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.

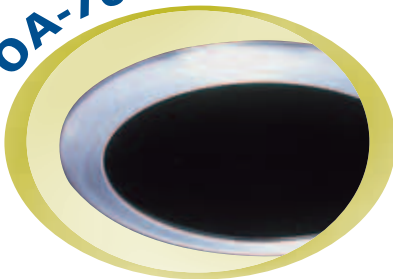
Flexible Detection Area

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.

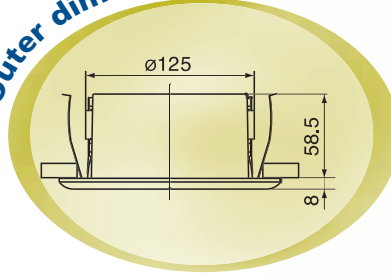
Easy installation

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



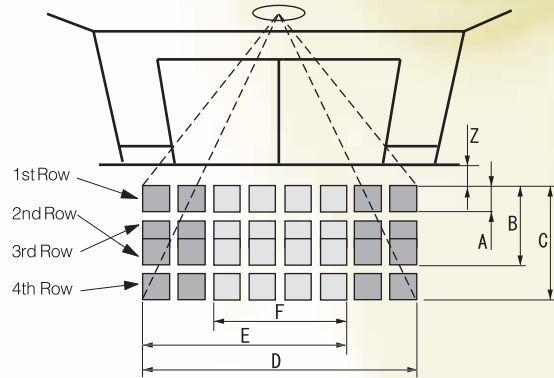
Ceiling-mount Door Sensor

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
Output	Detection Active: Orange and/or red "Form C" relay (no-voltage relay) 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.

		[mm/inch]				
Mounting height		2000	2500	3000	3500	4000
Depth	A	490 17 5/16"	610 24"	730 28 3/4"	850 33 1/2"	980 38 7/8"
	B	700 27 9/16"	860 33 7/8"	1030 40 5/8"	1200 47 1/4"	1380 54 1/4"
	C	870 34 1/4"	1090 42 7/8"	1310 51 5/8"	1530 60 1/4"	1750 68 7/8"
Width	D	2020 67 1/2"	2520 83 3/16"	3030 99 11/16"	3540 117 3/8"	4040 133 1/6"
	E	1620 53 3/4"	2030 67 15/16"	2440 81 1/16"	2850 94 3/16"	3250 107 15/16"
	F	610 24"	770 30 5/16"	920 36 1/4"	1080 42 1/2"	1230 48 1/4"
	Z	140 5 1/2"	100 3 15/16"	60 2 3/8"	10 3/8"	-20 -13/16"

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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