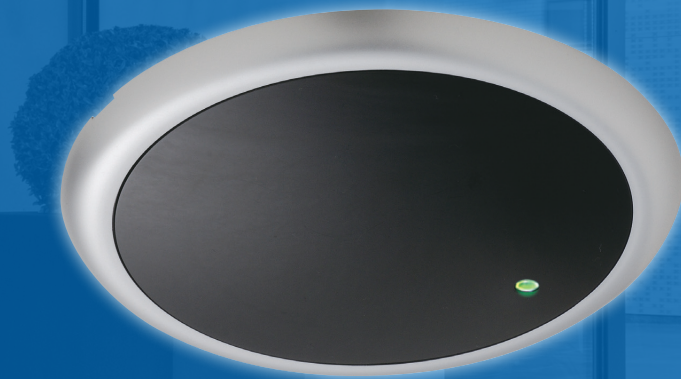


OA-72C

Ceiling Mount Infrared Door Sensor

for Automatic Swing, Sliding, or Folding Door Applications



The OPTEX OA-72C Active Infrared Sensor is a stylish, ceiling-mount type sensor for automatic doors. Installation is easy: the OA-72C has built-in mounting flanges and can be flush-mounted as high as thirteen feet above the floor. The detection area can be adjusted to within an inch of the face of the door. The presence timer is also adjustable, and snow mode adds stability in harsh environments.

www.optexamerica.com

Features & Benefits

Safe and Stable Operation

The OPTEX OA-72C 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 to 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 for the OA-72C. The sensor can be mounted as high as 13 feet above the floor.

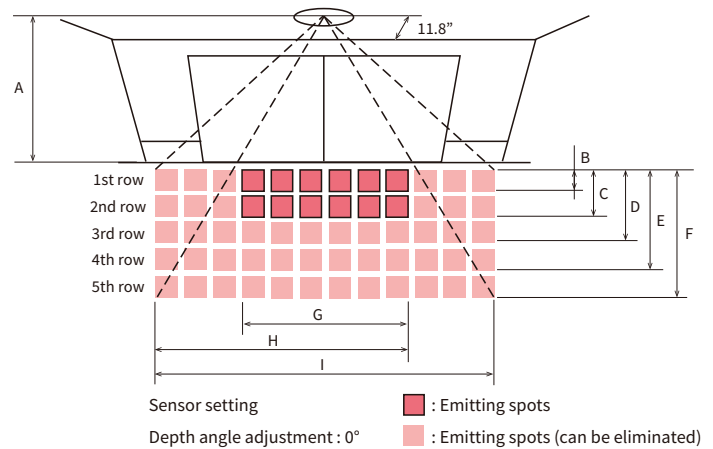
Flexible Detection Area

Adjust the detection area left and right and move it closer or farther away from the door. The threshold and approach areas can be adjusted independently. Fine adjusters allow for adjustment to within an inch of the moving face of the door.

Easy Installation

The OA-72C is easy to install with its built-in mounting flanges. Simply cut the hole, connect the wires and pop the sensor into place.

Detection area



A	7'3"	8'2"	9'10"	11'6"	13'1"
B	5.1"	5.9"	7.1"	8.3"	9.4"
C	1'3"	1'5"	1'8"	1'12"	2'3"
D	2'1"	2'4"	2'10"	3'4"	3'10"
E	3'1"	3'6"	4'2"	4'11"	5'7"
F	4'1"	4'8"	5'7"	6'6"	7'5"
G	3'7"	4'1"	4'10"	5'8"	6'6"
H	5'5"	6'2"	7'5"	8'8"	9'10"
I	7'5"	8'5"	10'1"	11'9"	13'5"

The actual detection area may become smaller depending on the ambient light, the color/material of the object or the floor as well as the entry speed of the object.

Specifications

Model	OA-72C
Cover color	Silver
Mounting height	6'7" to 13'1"
Detection area adjustments	Depth -15 to 10° Width -10 to +10°
Detection method	Active Infrared Reflection
Power supply	12 to 24 VAC (±10%) 12 to 30 VDC (±10%)
Power consumption	< 1.5 w (< 5 VA at AC)
LED Operating indicator	Green / stand-by Red / 1st row detection Orange / 2nd to 5th rows detection
Output	Form C relay 50 V 0.3 A max. (resistance load)
Relay hold time	Approx. 0.5 sec.
Response time	< 0.3 sec.
Operating temperature	-4 to 131°F
Dimensions	ø 6.1", 2.6" (h)
Weight	11.2 oz
Accessories	9'10" Connection cable 1 Mounting template
Option	Ivory surface mount cover

The recommended mounting position is 11.8" away from the door.
* When the mounting height is 13', set the mounting position more than 11.8" away from the door.

Dimensions

