



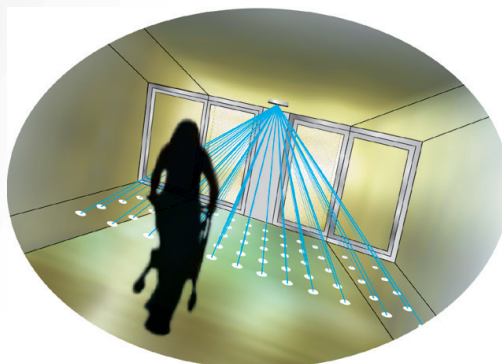
Active Infrared
Door Sensor

OA-203C



Safety Reliable Easy Installation
Design Environmental immunity Detection
Quality Sensitivity

The OPTEX OA-203C is the optimal choice for both safety and activation on all types of automatic doors. It combines easily adjustable settings with a slim design, providing maximum safety in a wide array of application.



Easy installation

The Optex OA-203C is simple to install. All the settings are mechanically adjustable with dipswitch and levers.

Safety

Safety is assured by the two rows of presence detection closest to the door. The sensor detects a person or object and holds the door open as long as they are in the threshold area, even if they stop or pause.

Design

A very compact and slim design, available in three colors: Black, Silver and White.

All conditions

Snow mode and variable sensitivity adjustments make this sensor suitable for every application and even extreme weather conditions.

OA-203CS



OA-203CBL

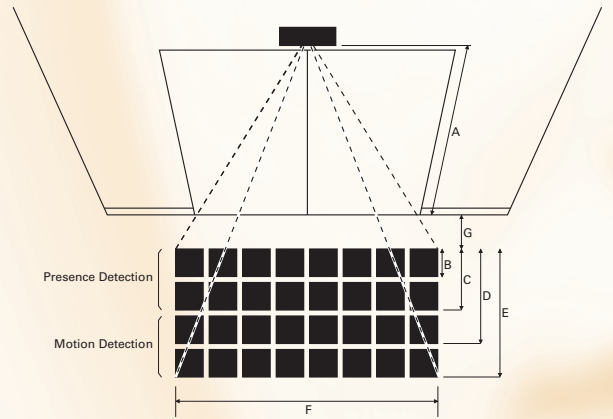


Active Infrared Door Sensor

Specifications

| | |
|----------------------------|--|
| Model | OA-203C |
| Mounting Height | max. 3.0 m. (9'10") |
| Detection Area Adjustments | Eliminate rows C, D, or E (dipswitch setting) Depth 3.5" in or out Width 7° left or right Shutters eliminate left and right sides |
| Detection Technique | Active Infrared (Near Infrared Reflection) |
| Power Supply | 12 to 24V AC/DC |
| Current Draw | 100mA max. |
| Power/Operating Indicator | Green LED ON: Standby Red LED ON: Presence detection Orange LED ON: Motion detection |
| Output Contact | Form C Relay 50V, 0.3A (Resistance Load) |
| Relay Hold Time | Approx. 0.5 sec |
| Operating Temperature | -20°C – +55°C (-4°F – +131°F) |
| Outer Dimensions | 8¾" x 2½" x 1¼" inch (w x h x d) (221 x 63 x 29.9 mm) |
| Weight | 6.5 oz (185g) |
| Accessories | 2 m Connection Cable with Plug 2 Mounting Screws Mounting Template Area Adjustment Tool |
| Available Colors | Silver (OA-203CS), Black (OA-203CBL) and White (OA-203CW) |

Detection area chart



| | | | | |
|---|------------------|-------------------|-------------------|-------------------|
| Mounting Height A | 7'3" (2.20 m) | 8'2" (2.50 m) | 8'10" (2.70 m) | 9'10" (3.00 m) |
| Area Depth B (presence detection) | 3" (0.08 m) | 4" (0.09 m) | 4" (0.09 m) | 4" (0.1 m) |
| Area Depth C (presence detection) | 1'3" (0.37 m) | 1'5" (0.42 m) | 1'6" (0.45 m) | 1'8" (0.5 m) |
| Area Depth D (presence and motion detection) | 2'7" (0.78 m) | 2'11" (0.89 m) | 3'2" (0.96 m) | 3'6" (1.07 m) |
| Area Depth E (presence and motion detection) | 4'4" (1.31 m) | 4'11" (1.49 m) | 5'3" (1.61 m) | 5'10" (1.79 m) |
| Area Width F | 7'7" (2.3 m) | 8'6" (2.6 m) | 9'2" (2.8 m) | 10'2" (3.1 m) |
| Distance to mounting surface G | 2" (0.04 m) | 2" (0.04 m) | 2" (0.04 m) | 2" (0.04 m) |



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