



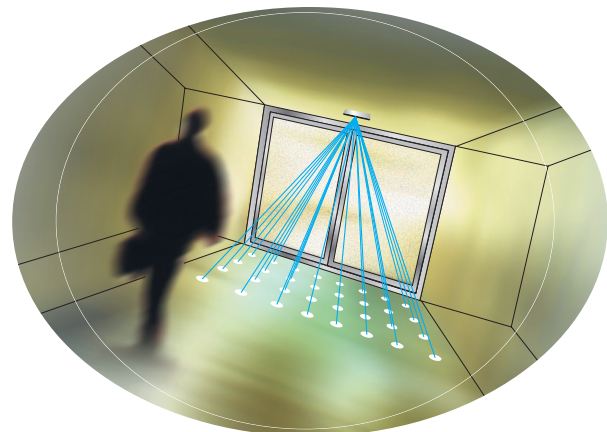
# Active Infrared Door Sensor

## OA-202C



**Safety** Reliable Combination Sensor  
**Activation flexible** Multifunctional  
**Large detection area** presence detection  
**QUALITY** EASY INSTALLATION  
Active Infrared

The large detection area of the Optex OA-202C is preferred for activation in retail and commercial automatic door applications. It combines motion and presence detection to provide maximum reliability and safety.



## Large detection area

The Optex OA-202C is optimal for supermarkets, airports and retail stores because it detects objects and people a safe distance from the door, even at floor level. Meets or exceeds applicable ANSI and EU standards.

## Safety

The presence zone near the threshold of the door ensures safety. The OA-202C holds open the door as long as a person or object is in the threshold area, even if they stop or pause. The presence timer can be increased for added protection.

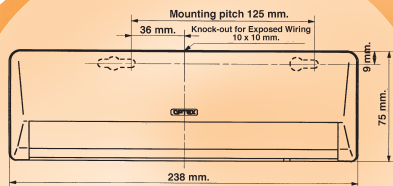
## Easy Installation

The OA-202C is simple to install and adjust. All of the settings are made easily using levers or by masking the optical lenses, to customize the pattern for any application.

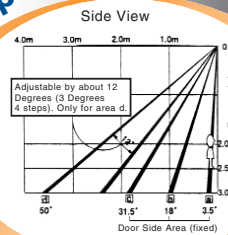
## Design

The OA-202C combines both activation and safety into one compact housing, which simplifies installation. It is available in two colors: Black and Silver.

## Outer dimensions



## Area depth

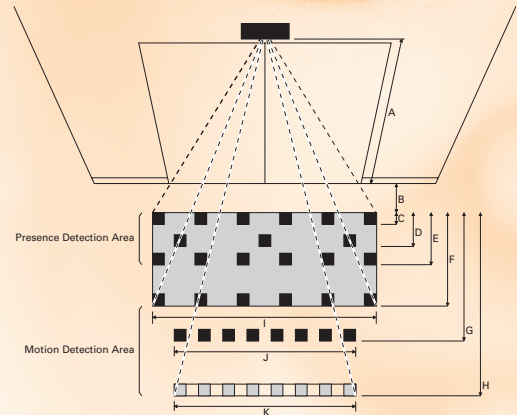


# Active Infrared Door Sensor

## Specifications

Model	OA-202C
Mounting Height	max. 9'10" (3.0m)
Detection Area Adjustments	Depth and width can be adjusted by masking seal Depth angle 0° to 12° (3x4 steps). Only front row
Detection Technique	Active Infrared (Near Infrared Reflection)
Power Supply	12 - 24V AC/DC
Current Draw	150mA max.
Power/Operating Indicator	LED ON: Standby LED OFF: Detection
Output Contact	Form C Relay 50V, 0.3A (Resistance Load)
Relay Hold Time	Approx. 0.5s
Operating Temperature	-4°F - +131°F (-20°C - +55°)
Dimensions	238 x 75 x 50mm (w x h x d)
Weight	11.3oz (320g)
Accessories	2 m Connection Cable with Plug 2 Mounting Screws Mounting Template Area Mask Seal
Available Colors	Silver (OA-202CS), Black (OA-202CBL) and White (OA-202CW)

## Detection area chart



Mounting Height A	7'21" (2.20m)	8'20" (2.50m)	8'86" (2.70m)	9'84" (3.00m)
Distance to mounting surface B	0'32" (0.10m)	0'36" (0.11m)	0'39" (0.12m)	0'42" (0.13m)
Area Depth C	0'22" (0.07m)	0'26" (0.08m)	0'29" (0.09m)	0'32" (0.10m)
Area Depth D	0'72" (0.22m)	0'82" (0.25m)	0'89" (0.27m)	0'95" (0.29m)
Area Depth E	2'29" (0.70m)	2'62" (0.80m)	2'95" (0.90m)	1'00" (1.00m)
Area Depth F	4'26" (1.30m)	4'92" (1.50m)	5'57" (1.70m)	5'90" (1.80m)
Area Depth G	5'90" (1.80m)	6'56" (2.00m)	6'88" (2.10m)	7'87" (2.40m)
Area Depth H	8'52" (2.60m)	9'84" (3.00m)	10'49" (3.20m)	11'80" (3.60m)
Area Width I	6'56" (2.00m)	7'54" (2.30m)	7'87" (2.40m)	8'85" (2.70m)
Area Width J	4'59" (1.40m)	5'24" (1.60m)	5'57" (1.70m)	6'23" (1.90m)
Area Width K	5'57" (1.70m)	6'56" (2.00m)	6'88" (2.10m)	7'87" (2.40m)