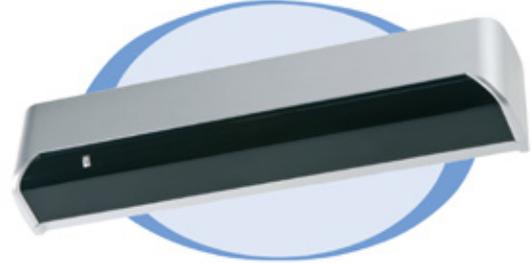




ACTIVE INFRARED DOOR SENSOR OA-AXIS SERIES

THRESHOLD SAFETY AND ACTIVATION



COMBINATION

The OPEX OA-Axis series utilizes OPEX's unique active infrared technology, combining activation and safety into one sensor. By using the unique OPEX presence detection technique the OA-Axis series provides maximum safety around the threshold as well as a large motion detection area for door activation.

EASY ADJUSTMENT

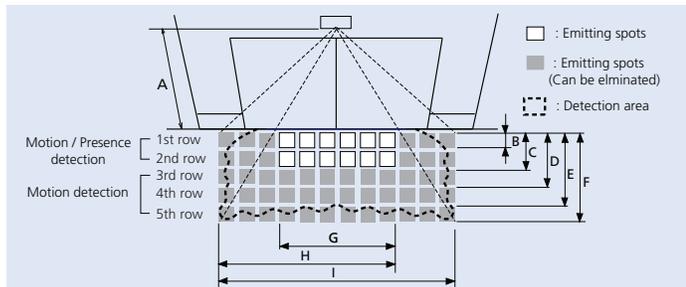
Installation time can be reduced to a minimum by using easily set switches and adjustments. The sensor can be quickly adjusted for many different applications.

SAFETY

The active infrared presence detection of the OA-Axis series can be set very accurately and can be moved 6° towards or away from the door. The sensor detects a person or object and holds the door open as long as they are in or near the threshold area, even if they are motionless.

MOTION DETECTION

The large detection area provides fast detection for any humans or carts approaching from any angle. The sensor's enhanced pattern depth enables it to detect people and objects farther away and allows the door to open conveniently for them. The presence and motion detection areas can be adjusted independently.



Mounting Height A	7' 2"	8' 2"	8' 10"	9' 10"
Area Depth B	5 1/2"	6"	7"	8"
Area Depth C	1' 5"	1' 7"	1' 8"	1' 11"
Area Depth D	2' 8"	3' 1"	3' 3"	3' 7"
Area Depth E	4' 5"	5' 1"	5' 5"	6' 1"
Area Depth F	6' 3"	7' 1"	7' 8"	8' 6"
Area Depth G	4' 4"	4' 11"	5' 4"	5' 11"
Area Depth H	6' 9"	7' 7"	8' 3"	9' 2"
Area Depth I	9' 2"	10' 4"	11' 2"	12' 5"

The actual detection may differ according to the size/material/entry speed of the object and the installation environment.

The OPEX OA-Axis series is the new active infrared door sensor standard for use on automatic sliding doors. The OA-Axis series is developed as a combination sensor for threshold safety and activation.

VARIETY

By offering different types of output contacts the OA-Axis series meets the requirements and local standards in many different markets.

OA-Axis I: relay output for activation and safety.
OA-Axis II: one relay for safety and a second relay for motion/activation.

SPECIFICATIONS

Model	OA-Axis I /OA-Axis II
Mounting height	Up to 11' 6" (I/II)
Detection angle adjustments	1st - 3rd rows -6° / +6° 4th and 5th rows +26° / +44°
Detection method	Active infrared reflection
Power supply	12-24V AC±10% (50/60Hz) 12-30V DC±10%
Power consumption	OA-Axis I: <3VA OA-Axis II: <4VA
LED Operating indicator	See installation manuals
Voltage	5 to 50VDC, Current / 100 mA max.
Dark current	600 nA max.
Output (OA-Axis I)	Form C relay, 50V, 0.3A max.
Output (OA-Axis II)	1st-3rd row Form C relay 50V 0.3A max. (resistance load) 3rd-5th row Form C relay 50V 0.3A max. (resistance load)
Output hold time	Approx. 0.5s
Response time	<0.3s
Operating temperature	-4°F - +131°F
Weight	320g
Accessories	3' connection cable 2 mounting screws 1 mounting template 1 area adjustment tool
Available colors	Black and silver

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West: 800-544-4422 • East: 800-225-6737
www.intldoorclosers.com