



Combination Slide Door Sensor



Reliable
Blue Zone Easy Installation Presence Detection
Threshold Energy Conservation
Safety Sensing Direction

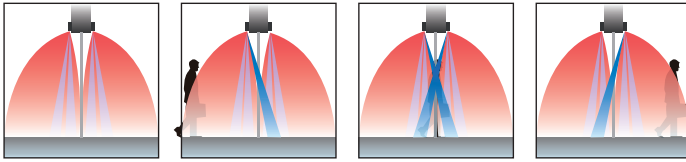
The OPTEX X-Zone Sensor is an Infrared and Microwave Combination Sensor designed for Sliding Doors. Its exclusive "Blue Zone" feature offers presence detection in the threshold when the door is in the open position. Having the ability to detect in the threshold dramatically increases the level of safety that can be achieved. This sensor is perfect for slide door applications where the balance between safety and performance is paramount. Keep them safe with the X-Zone from OPTEX.

**Energy
Efficient**

See back for more information

Blue Zone Technology

How it Works: When the approach area detects a person or object, the sensor will activate the door and



turn on the "Blue Zone" which detects through the threshold. As long as someone is in the detection area, the sensor will keep the door in the open position.

Once the area is cleared, the "Blue Zone" will ignore the door panels and allow the door to safely close.



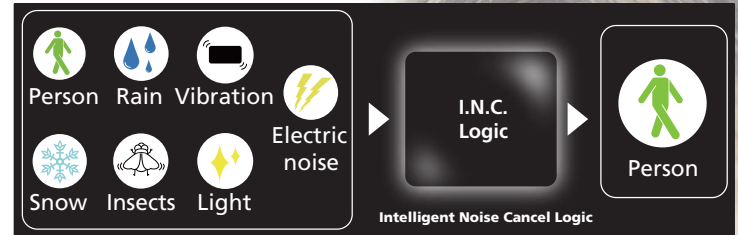
Inner Cover Design

The X-Zone Sensor is designed with an inner cover that completely protects all sensitive PC Boards and Optical Systems. This reduces the chance of damage during installation and dramatically increases the longevity of the sensor.



I.N.C. Logic for Stable Operation

The X-Zone sensor remains stable in all environments thanks to our innovative I.N.C. Logic (Intelligent Noise Cancelling). This feature allows the X-Zone to reliably detect people near the door while ignoring interference from Rain, Snow, Vibration, Insects and Ambient Light Sources.



Selectable Detection Function

The X-Zone can be adjusted to ignore traffic moving away from the sensor and reset more quickly. This will allow the door to close more quickly which reduces airflow between environmentally-controlled areas and the outdoors. This feature will save your customer money over the life of the sensor. Reduce power consumption and protect the environment with the X-Zone from OPTEX.

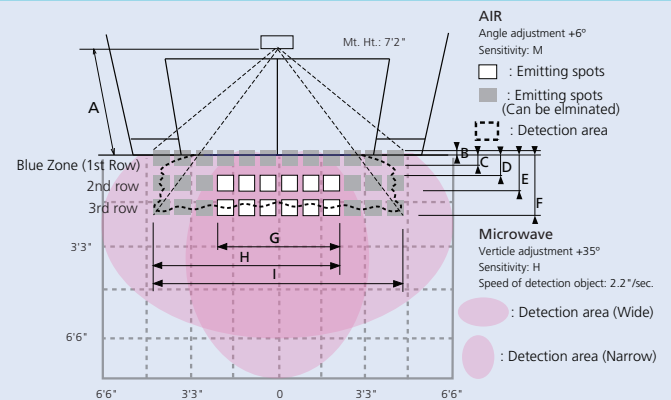
Energy Efficient

Combination Door Sensor

Specifications

Model	X-Zone
Cover color	Black
Mounting height	6'6" to 11'6"
Detection method	Active infrared reflection* Microwave doppler effect
Detection angle adjustments	AIR area -6° / +6° Microwave area +25° / +45°
Power supply	12-24V AC±10% (50/60Hz) 12-30V DC±10%
Power consumption	<2.5 W / 4VA at AC
Activation output	Form C Relay 50V 0.3A max. (resistance load)
Safety output	Form C Relay 50V 0.3A max. (resistance load)
Output hold time	<0.5s
Response time	<0.3s
Operating humidity	<80%
Operating temperature	-31°F - +131°F
IP rate	IP54
Weight	320g (11.2 oz.)
Accessories	1 operation manual 9' 10" connection cable 2 mounting screws 1 mounting template 1 area adjustment tool Narrow lens

Detection Area Chart



AIR Emitting Area

Mounting Height A	6' 6"	7' 2"	8' 2"	8' 10"	9' 10"	11' 6"
Area Depth B	2"	2"	3"	3"	3"	4"
Area Depth C	3"	3"	4"	4"	4"	5"
Area Depth D	9"	10"	11"	1' 0"	1' 1"	1' 4"
Area Depth E	1' 2"	1' 3"	1' 5"	1' 7"	1' 9"	2' 0"
Area Depth F	1' 11"	2' 2"	2' 5"	2' 8"	2' 11"	3' 5"
Area Width G	4' 0"	4' 4"	4' 11"	5' 4"	5' 11"	6' 11"
Area Width H	6' 1"	6' 9"	7' 7"	8' 3"	9' 2"	10' 8"
Area Width I	8' 3"	9' 1"	10' 4"	11' 2"	12' 5"	14' 6"

The actual detection may differ according to the size/material/entry speed of the object and the installation environment. This chart shows the values at a depth angle of +6°.



3882 Del Amo Blvd, Suite 604
Torrance CA 90503
Ph 310 214-8644
Fax 310 214-8655
Toll free 800 877-6656
www.ot-inc.com

OPTEX Technologies Inc.
(East Coast Office)
8510 McAlpine Park Dr.
Suite 108
Charlotte, NC 28211

