



ACTIVE INFRARED & MICROWAVE
X - ZONE T
 DOOR SENSOR

**Combined Active
 Infrared and
 Microwave Door Sensor**

MONITORING CAPABILITY

X-Zone T has built-in monitoring capability. The X-Zone T monitors all its critical functions and notifies compatible controls when an error occurs. Self Monitoring capability ensures a higher level of performance over the life of the sensor.



**Complies with
 new ANSI standard**

BLUE ZONE

When the presence area detects a person or object, the sensor will activate the door and enable the "BLUE ZONE"; the area through the threshold. As long as the sensor remains in detection, the sensor will keep the door in the open position. Once the detection area is cleared, the "BLUE ZONE" will ignore the door panels and allow the door to safely close.



Optional cover line up



Mirror



Silver



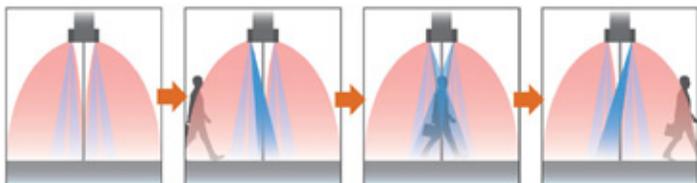
White



BLACK

DIRECTIONAL DETECTION

The X-Zone T 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 T from OPTEx.



International Door Closers, Inc.

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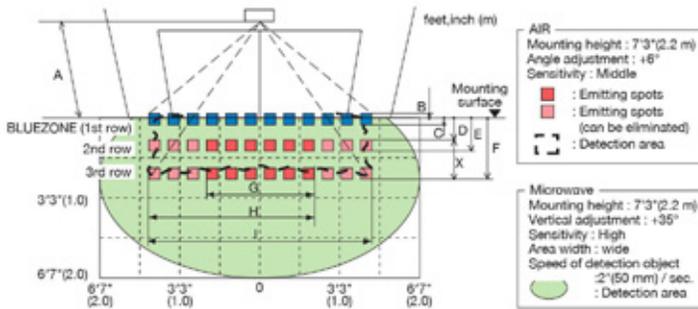
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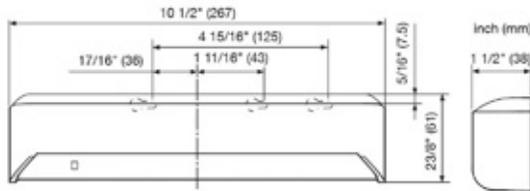
DETECTION AREA



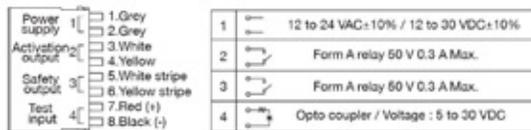
AIR emitting area
The chart shows the values at depth angle +6°

	[feet, inch (m)]					
A	6'7" (2.00)	7' 3" (2.20)	8' 2" (2.50)	8'10" (2.70)	9'10" (3.00)	11' 6" (3.50)
B	2" (0.05)	2" (0.06)	3" (0.07)	3" (0.07)	3" (0.08)	4" (0.09)
C	3" (0.07)	3" (0.08)	4" (0.09)	4" (0.10)	4" (0.11)	5" (0.12)
D	9" (0.23)	10" (0.25)	11" (0.28)	1' (0.31)	1'1" (0.34)	1'3" (0.39)
E	1'2" (0.35)	1'3" (0.39)	1'5" (0.44)	1'7" (0.48)	1'9" (0.53)	2' (0.61)
F	1'11" (0.59)	2'2" (0.65)	2'5" (0.74)	2'7" (0.80)	2'11" (0.89)	3'5" (1.03)
G	3'12" (1.21)	4'4" (1.33)	4'11" (1.51)	5'4" (1.63)	5'11" (1.81)	6'11" (2.11)
H	6' 1" (1.86)	6'9" (2.05)	7'7" (2.32)	8'3" (2.51)	9'2" (2.79)	10'8" (3.25)
I	8' 3" (2.52)	9'1" (2.78)	10'4" (3.15)	11'2" (3.40)	12'5" (3.79)	14'6" (4.42)

DIMENSIONS



ACTIVATION / SAFETY TEST OUTPUT



SPECIFICATION

Model	X-ZONE T
Cover color	(Default) Black / (Option) Mirror / Silver / White
Mounting height	6'7" to 11'6" (2.0 to 3.5m)
Detection area	See DETECTION AREA
Detection method	Active infrared reflection Microwave doppler effect (*1)
Area angle adjustment	AIR area -6 to +6° Microwave area +25 to +45°
Power supply (*2)	12 to 24 VAC ±10% (50 / 60 Hz) 12 to 30 VDC ±10%
Power consumption	< 2.5 W (< 4 VA at AC)
Output hold time	< 0.5 sec.
Response time	< 0.3 sec.
Operating temperature	-31 to 131°F (-35 to +55°C)
Operating humidity	<80%
Activation output	Form A relay 50 V 0.3 A Max. (Resistance load)
Test input	Opto coupler Voltage 5 to 30 VDC Current 6 mA Max. (30 VDC)
Safety output	Form A relay 50 V 0.3 A Max. (Resistance load)
IP rate	IP54
Weight	9.5 oz (270 g)
Accessories	1 Operation manual, 2 Mounting screws, 1 Mounting template 1 Area adjustment tool, 1 Cable 9'10" (3m)

*1: Active infrared reflection has a presence detection function.
The specifications herein are subject to change without prior notice due to improvements.