

BLUEZONE TECHNOLOGY

i-oneX T

Active Infrared Door Sensor

for Automatic Sliding Door Applications



For use in Slide Door applications, the i-oneX T from OPTeX features BlueZone™ technology, monitoring capability, and built-in supplemental sidelight safety – all in a single sensor. BlueZone™ technology detects through the threshold when the door is activated, keeping the door open until the area is clear. The i-oneX T also monitors all its critical functions to ensure a high level of performance over the life of the sensor. And supplemental sidelight coverage adds to the wide and deep detection area provided by the i-oneX T. For the highest level of safety and functionality, choose the OPTeX i-oneX T.

www.optexamerica.com



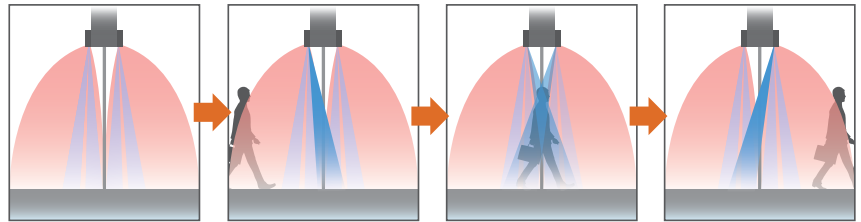
Features & Benefits

Built In Supplemental SideLight Safety

The i-oneX T has a wide and deep detection area than can cover not only the threshold area but the sidelight area as well. The i-oneX T provides supplemental sidelight safety all from a single sensor. Provide your customers with the highest level of safety and functionality with the i-oneX T.

Built-in Monitoring

The i-oneX 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.

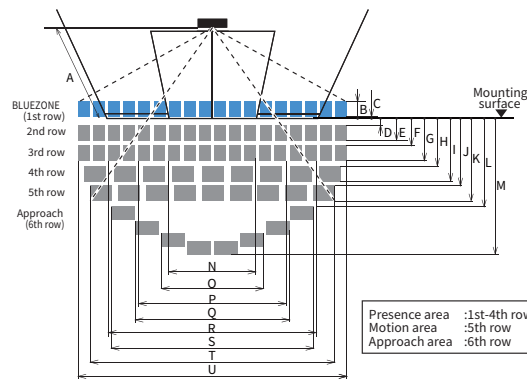
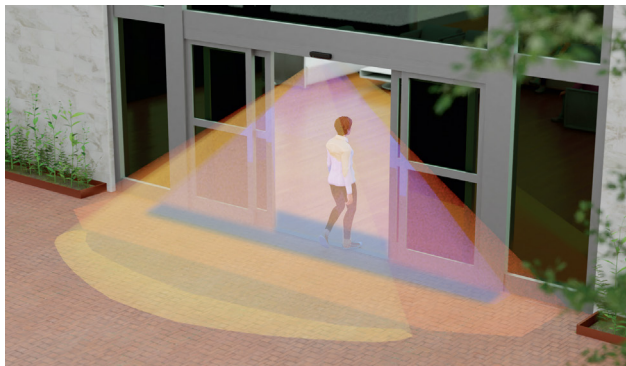


BlueZone True Threshold Safety

When a person is detected, the door is activated and BlueZone, our exclusive threshold look-through technology, becomes active. As long as someone is in the detection area, the sensor will keep the door open. Once the area is cleared, the BlueZone will ignore the door panels and allow the doors to safely close.



Detection area



The chart shows the values at depth angle 0°

	7'3"	8'2"	9'10"
A	7'3"	8'2"	9'10"
B	9"	10"	1'
C	6"	7"	8"
D	2"	3"	3"
E	7"	8"	9"
F	1'7"	1'10"	2'2"
G	1'8"	1'11"	2'4"
H	2'8"	3'3"	3'8"
I	2'10"	3'3"	3'11"
J	3'5"	3'10"	4'8"
K	3'7"	4'1"	4'11"
L	4'9"	5'5"	6'6"
M	8'1"	9'2"	11'
N	4'6"	5'2"	6'2"
O	7'1"	8'	9'8"
P	8'4"	9'5"	11'4"
Q	10'6"	12'	14'4"
R	12'1"	13'9"	16'6"
S	14'	15'11"	19'2"
T	13'5"	15'4"	18'4"
U	16'9"	19'	22'10"

Approach area
*Mounting Height = 7'3"

	-15°	0°	+10°
L	2'2"	4'9"	6'9"
M	5'1"	8'1"	12'
O	5'7"	7'1"	8'2"
Q	8'3"	10'6"	11'8"
S	12'	14'	15'7"

Specifications

Mounting height	6'7" to 9'10"
Cover color	Black
Detection method	Active infrared reflection (AIR)
Depth angle adjustment	Approach area: -15° to +10° Presence/motion area: -10° to +8°
Power supply	12 to 24 VAC ±10% (50/60 Hz) 12 to 30 VDC ±10%
Power consumption	<2.5W (<4 VA at AC)
Output hold time	Approx. 0.5 sec. (selectable via app.)
Response time	< 0.3 sec. (selectable via app.)
Operating temperature	-31 to 131°F
Operating humidity	<80%
Activation output	Form A relay 50 V 0.3 A Max. (Resistance load)
Safety output	Form A relay 50 V 0.3 A Max. (Resistance load)
Test input	Opto coupler Voltage 5 to 30VDC
IP rate	IP54
Weight	14.6 oz.
Sensor dimensions	1'5/16" W x 2 11/16" H x 2 1/16" D
Accessories	1 Operation manual, 2 Mounting screws, 1 Mounting template, 1 Area adjustment tool, 1 Cable (9'10")

Dimensions

