

BLUEZONE TECHNOLOGY

ProSwing PREMIER T

Header Mount Active Infrared Sensor for Swing Doors

Premium Safety and Efficiency



The OPTEx ProSwing Premier T is a header-mounted sensor for swing door applications that provides full open and full closed swing area detection, including full open look-back through the threshold. The ProSwing Premier T eliminates the startle factor by providing full swing area coverage without additional OHP. With BLUEZONE threshold safety technology and self-monitoring capability, this sensor offers premium safety and efficiency. The Premier T is compatible with all door operators.

www.optexamerica.com



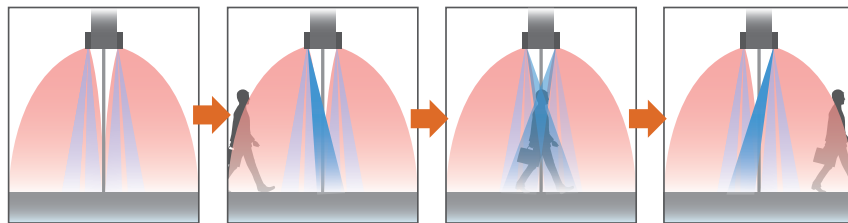
Features & Benefits

Full Open Look-back Detection

The ProSwing Premier T header mount sensor system offers full open, in motion, and full closed detection, as well as full open look-back through the threshold. By providing full swing area coverage without the need for additional OHP, the Premier T eliminates the “startle factor” that can occur with automatic swing doors.

Built-in Monitoring

The X-ZoneT 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 Blue-Zone, 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.



Specifications

Model (system)	ProSwing Premier T
Power supply	12 to 24 VAC $\pm 10\%$ (50/60 Hz) 12 to 30 VDC $\pm 10\%$
Power consumption	<2.2W (<4 VA at AC) at 1 OA-613 T & 1 OC-913C T
Output	CMOS. Relay voltage / 5 VDC
Output hold time	0.5 sec. fixed (activate output) 0.5 sec. to 10 sec. (safety output)
Response time	<0.3 sec.
Operating temperature	-4 to 131°F without dew condensation
Operating humidity	<80%
Accessories	1 spec manual; 1 installation manual; 2 mounting screws; 1 mounting template for OA-603 T; 1 communication cable (3'3"); 1 wiring cable; 1 velcro tape; 2 wiring shells

Model (sensor head)	OA-603 T
Cover color	Black
Mounting height	6'7" to 8'2"
Detection area	see Detection Area above right
Detection method	Active infrared reflection
Depth angle adjustment	1st row area $\pm 5^\circ$ 2nd and 3rd row area $\pm 5^\circ$
IP rate	IP44
Weight	8.1 oz.

Model (controller)	OC-913C T
Weight	2.3 oz.

Detection Area

A	6'7"	7'3"	8'2"
B	1'2"	1'4"	1'6"
C	7"	8"	9"
D	1'	1'	1'
E	2'2"	2'5"	2'9"
F	4'7"	5'1"	5'9"
G	2'3"	2'6"	2'10"
H	4'4"	4'9"	5'5"
I	6'9"	7'5"	8'5"
J	9'5"	10'4"	11'9"

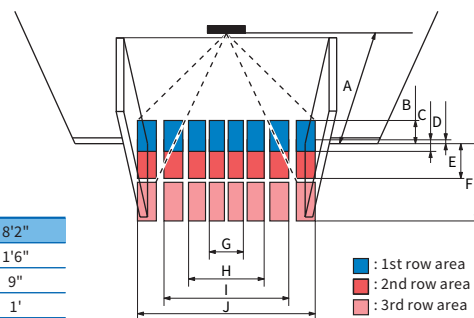
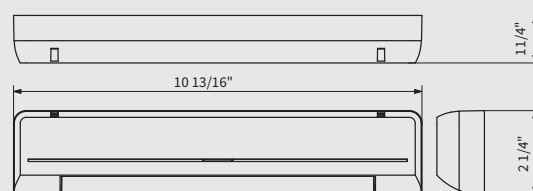


Chart shows figures if all angles are set at 0 degree.

Dimensions

Sensor head: OA-613 T



Controller: OC-913C T

