



HEADER MOUNTED ACTIVE INFRARED DOOR SENSOR



PREMIER T

PRO-SWING DOOR

Complies with
new ANSI standard



Sensor head : OA-613 T
Controller: OC-913C T

BLACK

- Fully open or fully closed swing area detection
- Universal compatibility with all operators
- Threshold protection "look through capability"

PATTERN MEMORY

Four pattern memory (two fully open and two fully closed) eliminates or reduces unwanted safety/relearn issues common to knowing act double swing doors, when used manually (most commonly in hospital corridors).

UNIVERSAL COMPATIBILITY

Premier T can interface with the majority of existing controls by analyzing data output and motor voltage.

MONITORING CAPABILITY

PREMIER T has built-in "monitoring capability". PREMIER 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.

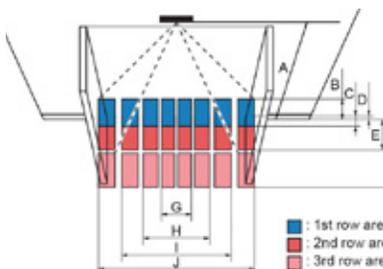
The OPTEX Premier T is designed to detect moving or stationary people within the swing path of the door. The Premier T is active when the door is fully open or fully closed.

SPECIFICATIONS

Model (System name)	PREMIER T
Power supply	12 to 24 VAC ±10% (50 / 60 Hz) 12 to 30 VDC
Power consumption	<27 W(<4 VAat AC) at 1 OA-613T&1 OC-913CT
Output *	CMOS. Relay voltage / 5 VDC
Test input	Opto coupler Voltage 5 to 30 VDC Current 6 mA Max. (30 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 (-20 to +55°C) without dew condensation
Operating humidity	<80%
Accessories	1 Spec manual 1 Installation manual 2 Mounting screws 1 Mounting templates for OA-613 T 1 Communication cable 3'3" (1 m) 1 Wiring cable 2' (0.6 m) 1 Velcro tape 2 Wiring shells

Detection Area

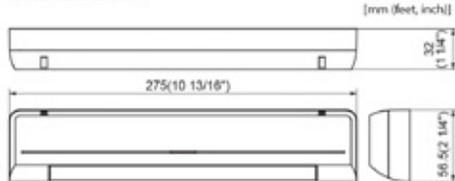
Chart shows figures if all angles are set at 0 degree.
[feet, inch (mm)]



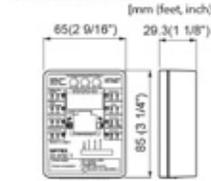
A	67" (2000)	73" (2200)	8'2" (2500)
B	1'2" (364)	1'4" (400)	1'6" (455)
C	7" (182)	8" (200)	9" (227)
D	1' (23)	1' (25)	1' (28)
E	2'2" (664)	2'5" (730)	2'9" (830)
F	4'7" (1391)	5'1" (1530)	5'9" (1739)
G	2'3" (682)	2'6" (750)	2'10" (852)
H	4'4" (1318)	4'9" (1450)	5'5" (1648)
I	6'9" (2045)	7'5" (2250)	8'5" (2557)
J	9'5" (2864)	10'4" (3150)	11'9" (3580)

* : Two type of outputs (Activate output, Safety output)
** : All row are presence detection type.

Sensor head: OA-613 T



Controller: OC-913C T



Model (Sensor head)	OA-613 T
Cover color	Black
Mounting height	67" (2.0 m) to 8'2" (2.5 m)
Detection area	See DETECTION AREA
Detection method **	Active infrared reflection
Depth angle adjustment	1st row area ±5° 2nd & 3rd row area ±5°
IP rate	IP44
Weight	8.1 oz (230 g)

Model (Controller)	OC-913CT
Weight	2.3 oz (65 g)

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