Overhead presence sensor
Automatic swinging doors

Features & benefits

- **How BLUEZONE works.** When the approach area detects a person or object, the sensor activates the door and turns on BLUEZONE, which detects through the threshold. As long as someone is in the detection area, the sensor keeps the door in the open position. Once the area is cleared, BLUEZONE ignores the door panels and allows the door to close safely.

- **Monitoring capability.** With its built-in monitoring capability, the sensor monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring ensures a higher level of performance over the life of the sensor.

- **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.** Can interface with the majority of existing controls by analyzing data output and motor voltage.

- **Eliminates startle factor.** The sensor provides full swing area coverage Closed/Open/In Motion without additional overhead presence sensors.

Description

An overhead presence sensor designed to detect moving or stationary people within the swing path of the door.
The sensor is active when the door is fully open or fully closed. This unit complies with new ANSI standard.

Factsheet

Technical specifications

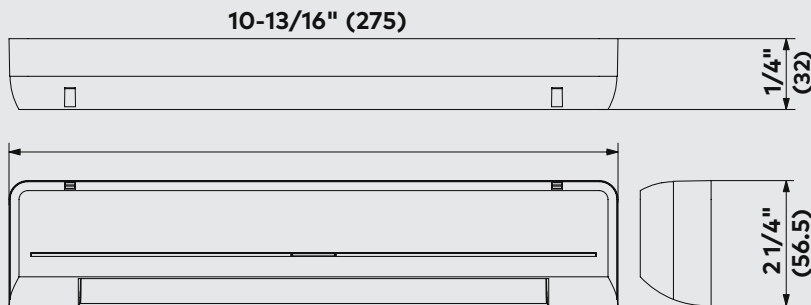| Model	Header-mounted active infrared door sensor
Power supply	12 to 24 VAC± 10% (50 / 60 Hz) 12 to 30 VDC
Power consumption	< 2.2 W (< 4 VA at AC) at 1 OA-613 T & 1 OC-913C T
Output [1]	CMOS. Relay voltage / 5 VDC
Test input	Opto coupler Voltage 5 to 30 VDC Current 6 mA Max. (30 VDC
Output hold time	0.5 sec. fixed (Activate output) 0.5 sec. to 10 sec.(Safety output)
Response time	< 0.3 sec.
Operating temperature	-4°F to 131°F (-20°C to +55°C) without dew condensation
Operating humidity	< 80%
Accessories	1 Spec manual 1 Installation manual 2 Mounting screws 1 Mounting template for OA-613 T 1 Communication cable 3'3" (1 m) 1 Wiring cable 2' (0.6 m) 1 Velcro tape 2 Wiring shells

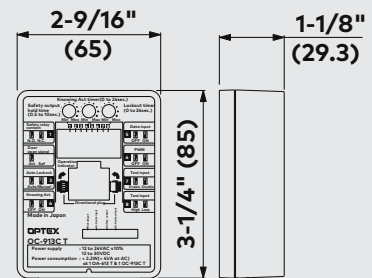| Model (sensor head)	OA-613 T
Cover color	Black
Mounting height	6' 7" (2.0 m) to 8' 2" (2.5 m)
Detection area	See illustration above
Detection method	Active infrared reflection [2]
Depth angle adjustment	1st row area ±5° 2nd & 3rd row area ±5°
IP rate	IP44
Weight	8.1 oz (230 g)
Model (controller)	OC-913C T
Weight	2.3 oz (65 g)

[1] There are two types of output: Activate & Safety.
[2] All rows have presence detection.

DX3335-005 dimensional drawing

Sensor head: OA-613 T

10-13/16" (275)

1/4" (32)

2 1/4" (56.5)

Controller: OC-913C T

2-9/16" (65)

1-1/8" (29.3)

3-1/4" (85)

Any questions? We would be happy to advise you.
Contact us at: 1-800-265-6630