

# Swing Door Door-Mount Sensor

## PRO SWING ELITE

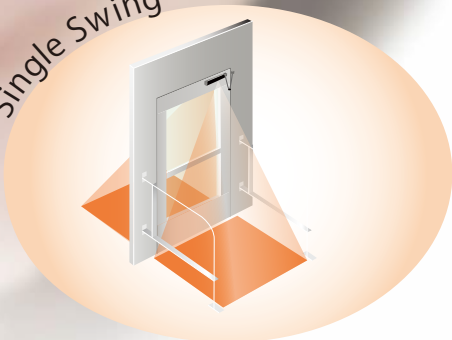


Elite Safety    Door-Mounted    Easy Installation  
Maintenance Free    Infrared Presence Detection  
Wide Area    No Header Mount Needed    Always On

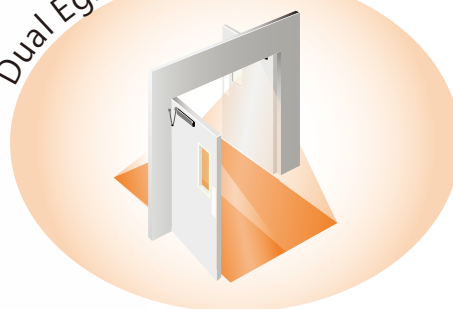
The Optex Pro-Swing Elite is designed to detect moving or stationary people in the swing path of the door. The Optex Pro-Swing Elite stays active even when the door is in motion, providing safety all of the time!

### Applications

Single Swing



Dual Egress (Hospitals)



Simultaneous Pair



## Advantages

- Full-time Presence Detection - The advantage of the door-mounted Pro-Swing Elite is that the presence detection stays on even when the door is in motion. The Pro-Swing Elite can detect a person or object at any point in the doors' swing path, providing complete safety and convenience for swinging doors.
- Large and adjustable Detection Area ensures safety - The Pro-Swing Elite has a large detection area which can detect beyond the normal area around the moving part of the door. The sensor creates a layer of awareness around the door to ensure safety.
- No-Overhead Safety Sensor Required - since the Pro-Swing Elite provides a full detection pattern that covers the entire swing of the doors in full open and full close position, there is no need for an overhead safety sensor.
- Knowing Act Doors - This system satisfies the requirement for secondary activation sensor. No additional activation sensor required.

## Safety

The presence detection feature assures a safety signal is present at the door control in the event a person or an object is within the swing-path of an automatic swinging door. When a person or object is detected, the sensor will slow, stop or reverse the door depending upon the situation.

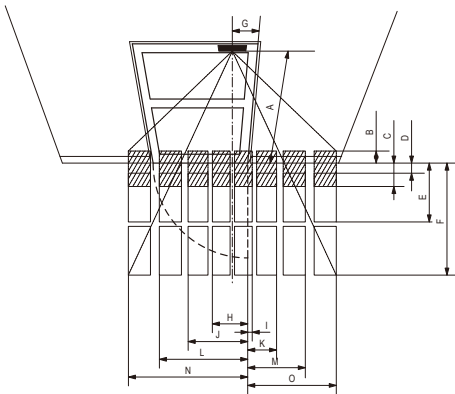
## Design

The modern style of the Pro-Swing Elite will blend beautifully for use in any setting.

## All Conditions

Variable sensitivity adjustments make this sensor suitable for every application including extreme weather conditions.

## Sensing Area

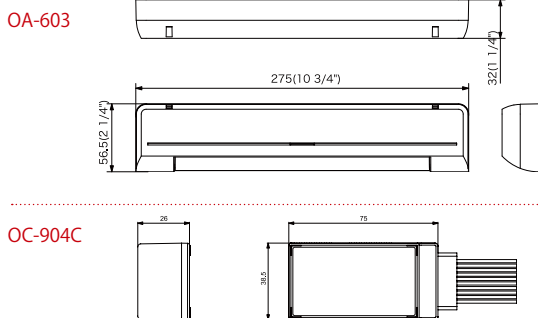


This illustration depicts the area created by the infrared technology. Actual detection may vary depending upon environmental conditions.

Sensing area chart

A	2000 (6'7")	2300 (7'6")
B	186 (7")	214 (8")
C	360 (1'2")	414 (1'4")
D	152 (6")	175 (7")
E	840 (2'9")	966 (3'2")
F	1650 (5'5")	1898 (6'2")
G	252 (10")	
H	593 (1'11")	645 (2'1")
I	89 (3")	141 (6")
J	911 (3')	1010 (3'4")
K	407 (1'4")	506 (1'8")
L	1275 (4'2")	1428 (4'8")
M	770 (2'6")	924 (3')
N	1684 (5'6")	1900 (6'3")
O	1180 (3'10")	1395 (4'7")

## Outer Dimensions



## Swing Door Elite System Specifications

Pro-Swing Elite Sensor

Model	OA-603
Cover Color	Black, Silver
Mounting Height	2.0m (6'7") to 2.5m (8'2")
Detection Area	See chart
Detection Method	Active Infrared Reflection (Presence Detection Type)
Detection Angle	Threshold Area $\pm 5$ (Inside & Outside); Swing Area $\pm 5$ (Inside & Outside)
Adjustments	Green: Standby Blinking Red: Threshold Area Detection Active Red: Swing Area Detection Active Blinking Yellow: Learning
Operation Indicator	120mA Max
Current Draw	<0.3 seconds
Response Time	-20°C to +55°C (-4°F to +131°F)
Operating Temp.	230g (8.2oz.)
Weight	

Pro-Swing Elite Controller

Model	OC-904C
Power Supply	12-24V AC, 12-30V DC
Current Draw	500mA max.*
Output	
- Activate Output:	Form A Relay 50V, 0.1A (Resistance Load)
- Safety Output:	Form C Relay 50V, 0.1A (Resistance Load)
- Stall Output:	Form C Relay 50V, 0.1A (Resistance Load)
Relay Hold Time (Safety Output Only)	0.5 to 10s
Response Time	<0.3 seconds
Operation Indicator	Green: Standby Red: Door Opening Orange: Lockout
Operating Temp.	-20°C - +55°C (-4°F to +131°F)
Weight	50g (1.8oz.)

\* When a unit of the OA-603 and OC-904C used.

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