OPTEX

Swing Door
Door-Mount Sensor

PRO SWING ELITE

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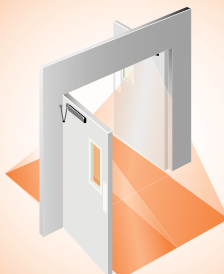**Wide Area** No Header Mount Needed **Always On**

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

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.

Quality

Optex automatic door sensors guarantee premium performance and include a 3-year full replacement warranty.

Design

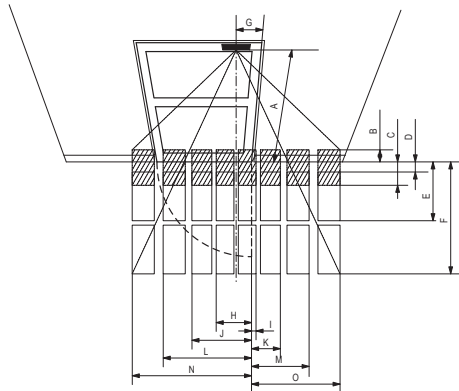The modern style of the Pro-Swing Elite will blend beautifully for use in any setting.

All Conditions

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

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 adjustible 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.
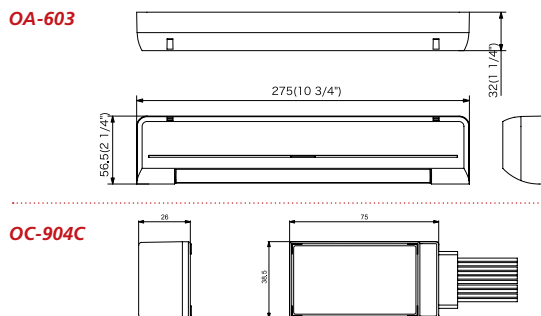
Sensing Area

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

OA-603

275(10 3/4")
32(1 1/4")
56.5(2 1/4")

OC-904C

26
75
38.5

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 Adjustments	Threshold Area ±5 (Inside & Outside); Swing Area ±5 (Inside & Outside)
Operation Indicator	Green: Standby
	Blinking Red: Threshold Area Detection Active
	Red: Swing Area Detection Active
	Blinking Yellow: Learning
Current Draw	120mA Max
Response Time	<0.3 seconds
Operating Temp.	-20˚C to +55˚C (-4˚F to +131˚F)
Weight	230g (8.2oz.)

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.