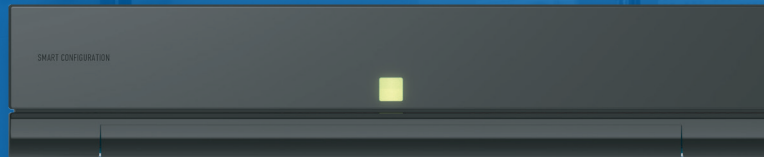## ELITE PRO / ELITE PRO2

ELITE PRO

SERIES

Active Infrared Door Sensor
for Full Energy Swing Doors

For detection of moving or stationary people in the swing path of doors

ELITE PRO

For full energy single door
Package: (2) sensor & (1) controller

ELITE PRO 2

For full energy double doors
Package: (4) sensor & (1) controller

The ELITE PRO and ELITE PRO2 are safety sensors for full energy swing doors. The included Wi-Fi controller ensures quick and easy sensor set-up. The sensor can also be mounted on either the left or right leaf. The controller of this device contains an auto-learning system that can identify the operator's detection input type, test input, sensor installation positions, and swing or approach side. The unit starts the learning process and sets up the essential configurations with just one touch of the setup button.

Simple setup and one-push quick setting reduce setup time and free door installers from challenging settings.
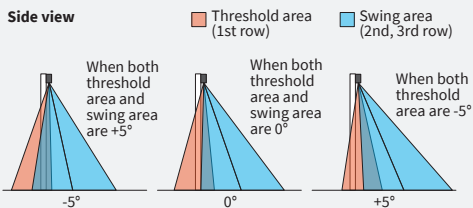
Features & Benefits

Full Time Presence Detection
The advantage of the door-mounted Elite Pro is that the presence detection stays on even when the door is in motion.

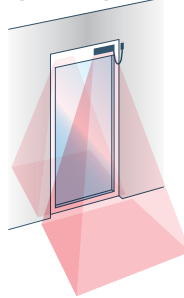### Large & Adjustable Detection Area Ensuring Safety
The Elite Pro has a large detection area which can detect beyond the normal area around the moving part of the door. The sensor creates a layer of awareness around the door to ensure safety.
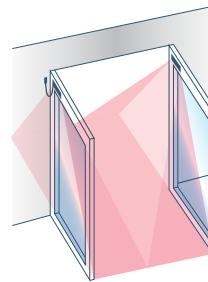
Side view   ■ Threshold area (1st row)   ■ Swing area (2nd, 3rd row)

When both threshold area and swing area are +5° — -5°

When both threshold area and swing area are 0° — 0°

When both threshold area are -5° — +5°

Knowing Act Doors
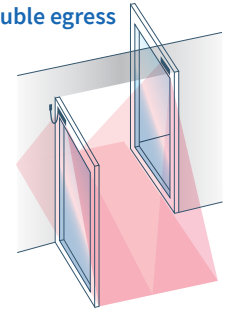This system satisfies the requirement for secondary activation sensor. No additional activation sensor required.

Single swing   **Simultaneous pair**   **Double egress**
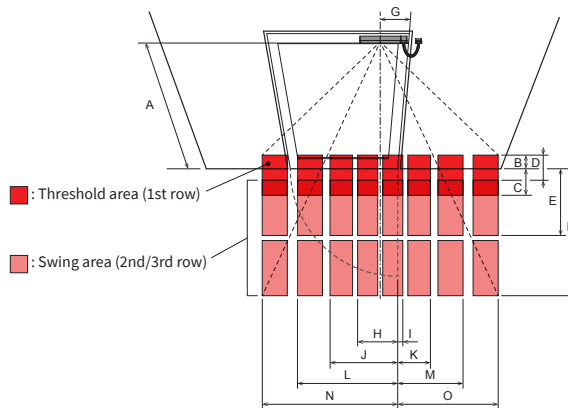
Full Energy Single Door
Full Energy Double Doors (Simultaneous pair & Double egress)
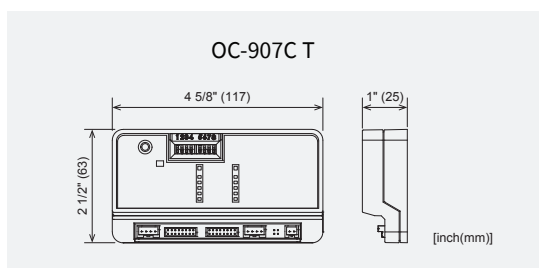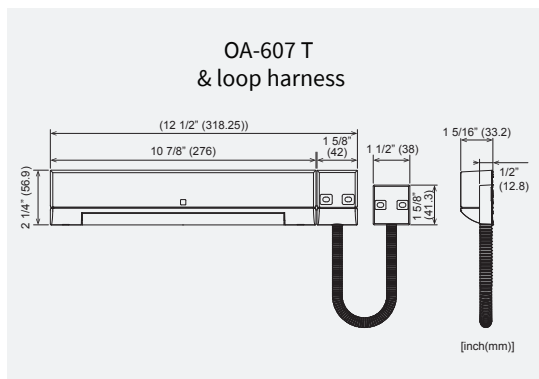
Full Detection Pattern
The Elite Pro provides a full detection pattern that covers the entire swing of the doors in full open and full close position, there is no need for an overhead safety sensor.

■ : Threshold area (1st row)

■ : Swing area (2nd/3rd row)

Value dimensions for each door angle

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

Dimensions

OA-607 T & loop harness

(12 1/2" (318.25))
10 7/8" (276)   1 5/8" (42)   1 1/2" (38)   1 5/16" (33.2)
2 1/4" (56.9)   1 5/8" (41.3)   1/2" (12.8)

[inch(mm)]

OC-907C T

4 5/8" (117)   1" (25)
2 1/2" (63)

[inch(mm)]

Specifications

Door in use	Swing type automatic doors
Product lineup	ELITE PRO (OA-607 T × 2, OC-907C T × 1): For Double Low Energy or Single Full Energy ELITE PRO2 (OA-607 T × 4, OC-907C T × 1): For Double Full Energy ELITE PRO LE (OA-607 T × 1, OC-907C T × 1): For Single Low Energy
Usage location	OA-607 T: Indoors, semi-outdoors OC-907C T: Indoors
Mounting location	OA-607 T: Door mount OC-907C T: Header
Supply voltage	12 to 30 VDC
Power consumption	OA-607 T: 1.0 W or less OC-907C T: 3.0 W or less OC × 1 + OA × 4: 5.5 W or less
Detection method	Active infrared reflection (Presence detection type)
Detection area	Threshold area: 8 lines × 1 row Swing area: 8 lines × 2 and 3 rows
Detection angle adjustments	Threshold area: -5 to +5° (inside and outside) Swing area: ±5° (inside and outside)
Operation indicator	See indicator confirmation
Settings	Browser setting tool Dipswitches
Wi-Fi	802.11 b/g/n
Input specifications	Test input: Optocoupler voltage 5 to 30 VDC, current 6 mA max. (30 VDC), no polarity Data input or motor voltage input: 5 to 160 VDC, 5 to 115 VAC, no polarity Knowing act input: Dry contact input Close switch input: Dry contact input
Output specifications	Activation output: Form A relay 50 V, 0.3 A (Resistance load) Stall output: Form B relay 50 V, 0.3 A (Resistance load)
Mounting height	6'7" to 8'2" (2.0 to 2.5 m)
Minimum door speed	2°/s
Response time	< 0.3 s
Operating temperature	-4 to 131°F (-20 to +55°C)
Protection class	OA-607 T: IP44 OC-907C T: IP40
Color	OA-607 T: Black OC-907C T: White
Weight	OA-607 T: 8.2 oz (230 g) OC: 3.7 oz (105 g)