AIR

Mounting height : 7'3"(2.2m)
Angle adjustment : +6°
Sensitivity : Middle

☐ : Emitting spots

■ : Emitting spots
(can be eliminated)

⬚ : Detection area

Microwave

Mounting height : 7'3"(2.2m)
Vertical adjustment : +35°
Sensitivity : High
Area width : wide
Speed of detection object
: 2"(50mm) / sec.

⬭ : Detection area

NOTE The actual detection area may become smaller depending on the ambient light, the color / material of the object or the floor as well as the entry speed of the object.
The sensor may not be activated when the entering speed of the object or a person is slower than 2"(50mm) / sec. or faster than 4'11"(1500mm) / sec.
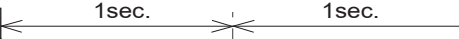
AIR emitting area

The chart shows the values at depth angle +6°

[feet,inch(m)]

A	6' 7" (2.00)	7' 3" (2.20)	8' 2" (2.50)	8'10" (2.70)	9'10" (3.00)	11'6" (3.50)
B	2" (0.05)	2" (0.06)	3" (0.07)	3" (0.07)	3" (0.08)	4" (0.09)
C	3" (0.07)	3" (0.08)	4" (0.09)	4" (0.10)	4" (0.11)	5" (0.12)
D	9" (0.23)	10" (0.25)	11" (0.28)	1' (0.31)	1' 1" (0.34)	1' 3" (0.39)
E	1' 2" (0.35)	1' 3" (0.39)	1' 5" (0.44)	1' 7" (0.48)	1' 9" (0.53)	2' (0.61)
F	1'11" (0.59)	2' 2" (0.65)	2' 5" (0.74)	2' 7" (0.80)	2'11" (0.89)	3' 5" (1.03)
G	3'12" (1.21)	4' 4" (1.33)	4'11" (1.51)	5' 4" (1.63)	5'11" (1.81)	6'11" (2.11)
H	6' 1" (1.86)	6' 9" (2.05)	7' 7" (2.32)	8' 3" (2.51)	9' 2" (2.79)	10'8" (3.25)
I	8' 3" (2.52)	9' 1" (2.78)	10'4" (3.15)	11'2" (3.40)	12'5" (3.79)	14'6" (4.42)

Model : X-ZONE T
Cover color : Black
Mounting height : 6'7" to 11'6" (2.0 to 3.5m)
Detection area : See **Detection area**
Detection method : Active infrared reflection (*1)
  Microwave doppler effect
Depth angle adjustment : AIR area -6 to +6°
  Microwave area +25 to +45°
Power supply : 12 to 24VAC ±10% (50 / 60Hz)
  12 to 30VDC ±10%
Power consumption : < 2.5W (< 4VA at AC)
Operation indicator : See **Operation indicator table**
Output hold time : < 0.5sec.
Response time : < 0.3sec.
Operating temperature : -31 to 131°F (-35 to +55°C)
Operating humidity : < 80%

Activation output : Form A relay
  50V 0.3A Max.(Resistance load)
Test input : Opto coupler
  Voltage 5 to 30VDC
  Current 6mA Max. (30VDC)
Safety output : Form A relay
  50V 0.3A Max.(Resistance load)
IP rate : IP54
Weight : 9.5oz (270g)
Accessories : 1 Operation manual
  2 Mounting screws
  1 Mounting template
  1 Area adjustment tool
  1 Cable 9'10" (3m)

Operation indicator table

Status	Operation indicator color	1sec.	1sec.
Set-up	Yellow blinking		
Stand-by (Installation mode)	Yellow		
Stand-by (Operation mode)	Green		
BLUEZONE (1st row) detection(*2)	Blue		
2nd row detection	Red blinking		
3rd row detection	Red		
Microwave detection	Orange		
Communication Test output	Turn off 500ms(*3)		
Signal saturation	Slow Green blinking		
Sensor failure	Fast Green blinking		

NOTE The specifications herein are subject to change without prior notice due to improvements.

*1 : Active infrared reflection has a presence detection function.
*2 : See **BLUEZONE area**
*3 :LED will be turned off about 500ms when the sensor Test output signal works well.

OPTEX

10 1/2"(267)

4 15/16"(125)

1 7/16"(36)

1 11/16"(43)

5/16"(7.5)

2 3/8"(61)

[inch (mm)]

1 1/2"(38)