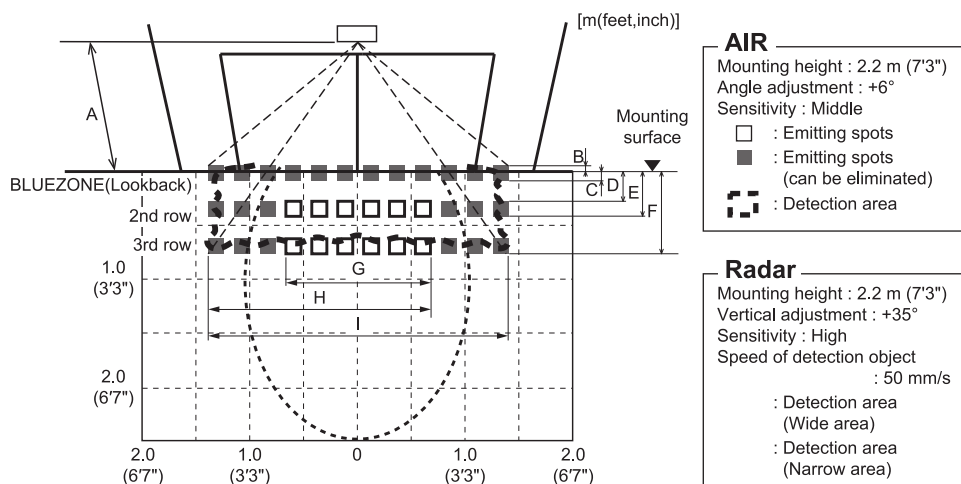




AIR emitting area

The chart shows the values at depth angle +6°.

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

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 50 mm/s or faster than 1500 mm/s.

Model	: OAM-DUAL II	Operating temperature	: -20 to +55°C (-4 to 131°F)
Cover color	: Black	Operating humidity	: < 80 % (non-condensing)
Mounting height	: 2.0 to 3.5 m (6'7" to 11'6")	Noise level	: < 70 dBA
Detection area	: See Detection area	Activation output	: Form C relay 50 V 0.3 A Max. (Resistance load)
Detection method	: Active infrared reflection (*1) Microwave Doppler effect	Safety output	: Form C relay 50 V 0.3 A Max. (Resistance load)
Transmitter frequency	: 24.200 GHz	IP rate	: IP54
Transmitter radiated power	: < 20 dBm	Weight	: 270 g (9.5 oz)
Depth angle adjustment	: AIR area -6 to +6° Radar area +25 to +45°	Accessories	: 1 Operation manual
Power supply	: 12 to 24 VAC ±10 % (50/60 Hz) 12 to 30 VDC ±10 %		2 Mounting screws
Power consumption	: < 2.5 W (< 4 VA at AC)		1 Mounting template
Operation indicator	: See Operation indicator table		1 Area adjustment tool
Output hold time	: Approx. 500 ms		1 Cable 3 m (9'10")
Response time	: < 300 ms		1 Narrow lens

Operation indicator table

Status	Operation indicator color	1000 ms	1000 ms
Warm-up	Yellow blinking		
Stand-by (Installation mode)	Yellow		
Stand-by (Operation mode)	Green		
BLUEZONE (Lookback) detection (*2)	Blue		
2nd row detection	Red blinking		
3rd row detection	Red		
Radar detection	Orange		
Signal saturation	Slow Green blinking		
Sensitivity too low(or 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**.

