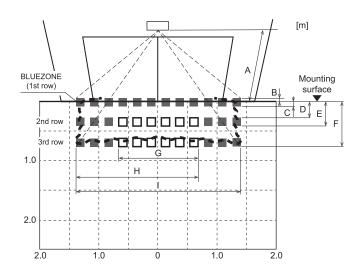
DETECTION AREA



AIR Motion/Presence detection Mounting height : 2.2 m Angle adjustment: +6°
Sensitivity: Middle Sensitivity : Emitting spots : Emitting spots (can be eliminated) : Detection area

Microwave Motion detection Mounting height : 2.2 m Vertical adjustment: +35°
Sensitivity: High
Area width: Wide Speed of detection: 50 mm/s object : Detection area (Wide area) : Detection area

(Narrow area)

AIR emitting area

The chart shows the values at depth angle +6°

			-			[iii]
Α	2.00	2.20	2.50	2.70	3.00	3.50
В	0.05	0.06	0.07	0.074	0.08	0.09
С	0.07	0.08	0.09	0.10	0.11	0.12
D	0.23	0.25	0.28	0.31	0.34	0.39
E	0.35	0.39	0.44	0.48	0.53	0.61
F	0.59	0.65	0.74	0.80	0.89	1.03
G	1.21	1.33	1.51	1.63	1.81	2.11
Н	1.86	2.05	2.32	2.51	2.79	3.25
1	2.52	2.78	3.15	3.40	3.79	4.42



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.

SPECIFICATIONS

: X-ZONE	Opetating temperature	: -20 to +55°C
: Black	Operating humidity	: < 80%
: 2.0 to 3.5 m	Activation output	: Form C relay
: See Detection area		50 V 0.3 A Max.(Resistance load)
: Active infrared reflection (*1)	Safety output	: Form C relay
Microwave doppler effect		50 V 0.3 A Max.(Resistance load)
t : AIR area -6 to +6°	IP rate	: IP54
Microwave area +25 to +45°	Weight	: 320 g
: 12 to 24 VAC ±10% (50/60 Hz)	Accessories	: 1 Operation manual
12 to 30 VDC ±10%		2 Mounting screws
: < 2.5 W (< 4 VA at AC)		1 Mounting template
: See Operation indicator table		1 Area adjustment tool
: < 1.0 s		1 Cable (3 m)
: < 0.3 s		1 Narrow lens
	: Black : 2.0 to 3.5 m : See Detection area : Active infrared reflection (*1) Microwave doppler effect t : AIR area -6 to +6° Microwave area +25 to +45° : 12 to 24 VAC ±10% (50/60 Hz) 12 to 30 VDC ±10% : < 2.5 W (< 4 VA at AC) : See Operation indicator table : < 1.0 s	: Black : 2.0 to 3.5 m : See Detection area : Active infrared reflection (*1) Microwave doppler effect t : AIR area -6 to +6° Microwave area +25 to +45° : 12 to 24 VAC ±10% (50/60 Hz) 12 to 30 VDC ±10% : < 2.5 W (< 4 VA at AC) : See Operation indicator table : < 1.0 s

Operation indicator table

Operation indicator table		1000
Status	Operation indicator color	1000 ms 1000 ms
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	
Signal saturation	Slow Green blinking	
Sensor failure	Fast Green blinking	



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.



