

OA-6500 T

Combination Active Infrared Door Sensor

for Industrial Door Applications



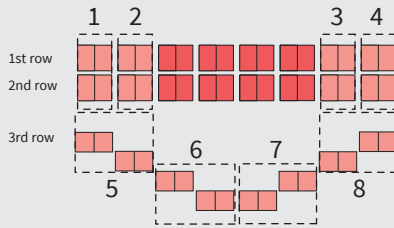
The OA-6500 T combines safety and activation in a sensor designed for industrial applications. It can be mounted approximately 21 feet (6.5 meters) from the ground, making it perfect for industrial doors. The detection area is large and can be adjusted independently of the presence area. With three rows of adjustable emitting spots for fast detection combined with the safety of presence detection, the OPTEX 6500 T is the perfect choice for industrial doors.

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Features & Benefits

Motion detection

The large detection area of the OPTEX OA-6500 T provides fast detection for any traffic, including trucks, approaching from any angle. The sensor's enhanced pattern depth enables it to detect objects farther away and allows the door to open conveniently. The presence and motion areas can be adjusted independently.



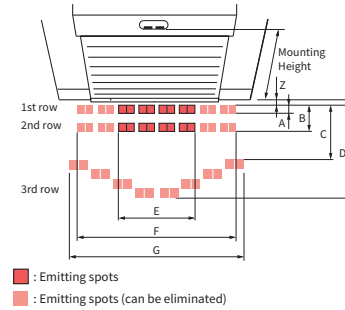
The lighter-colored emitting spots above can be eliminated if needed. The depth of rows 1 and 2 can be adjusted from -15° to $+5^{\circ}$, and the depth of row 3 can be adjusted separately from $+30^{\circ}$ to $+50^{\circ}$.

Mounting height

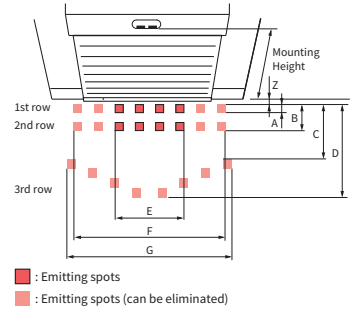
The OA-6500 T can be mounted up to 21'4", making it a great choice for larger industrial door openings.

Detection Area

Standard window



High mount window

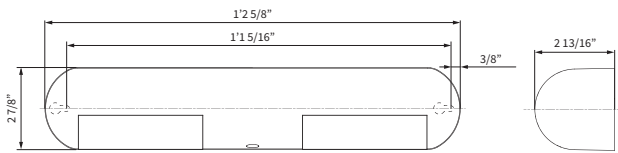


Mounting height	Standard window			High mount window	
	8'2"	11'6"	14'9"	18'1"	21'4"
A Area depth	6"	8"	11"	1'1"	1'4"
B Area depth	1'10"	2'7"	3'4"	4'1"	4'10"
C Area depth	2'3"	3'2"	4'1"	4'11"	5'11"
D Area depth	4'5"	6'2"	7'11"	9'8"	11'5"
E Area width	5'1"	7'1"	9'11"	9'2"	10'10"
F Area width	11'11"	16'9"	21'7"	23'9"	28'1"
G Area width	12'7"	17'8"	22'8"	25'	29'7"
Z Area depth	6"	9"	11"	1'1"	1'4"

Specifications

Model	OA-6500 T
Color	Black / Ivory
Mounting height	8'2" to 21'4"
Detection area	See detection area
Detection method	Active infrared reflection
Depth adjustment	3rd row: $+30^{\circ}$ to $+50^{\circ}$ 1st and 2nd rows: -15° to $+5^{\circ}$
Power supply	12 to 24 V AC $\pm 10\%$ (50/60) / 12 to 30 V DC $\pm 10\%$
Power consumption	<2.5W (<3.5 VA at AC)
Operating indicator	Green: standby Red: 1st row detection active Orange: 2nd and 3rd rows detection active
Activation output	When 3rd rows detect N.C. / N.O. selectable 50 V 0.3 A max. (resistance load)
Safety output	When 1st and 2nd row detects N.C. / N.O. selectable 50 V 0.3 A max. (resistance load)
Relay hold time	Approx. 0.5 sec.
Operating temperature	-4°F to $+131^{\circ}\text{F}$
Weight	21.2 oz.
Accessories	Operation manual; 2 mounting screws; mounting template; high mount window; 4m cable; protection sticker

Dimensions



Rain cover option



Rain cover XXL

