

Active Infrared Door Sensor for Industrial Use

OA-6500S T

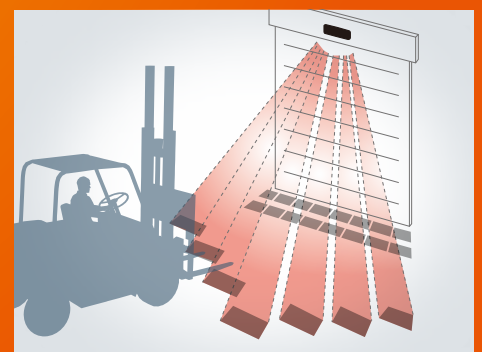


Black



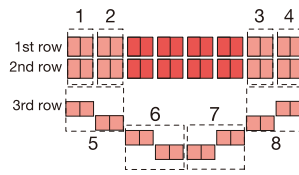
Up to 21'4" / 6.5 m mounting height

The OA-6500S T is developed as a combination sensor for safety and activation, the active infrared presence detection protects against early closing of the door while the activation area activates the door when entering the detection area.



Motion Detection

The large detection area 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 detection areas can be adjusted independently.



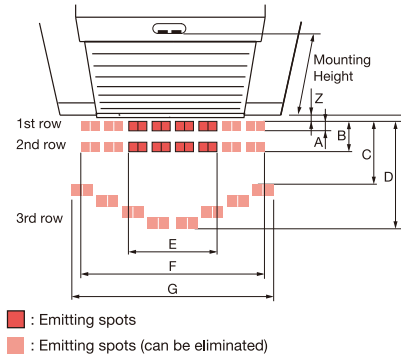
Monitoring Capability

OA-6500S T has built-in "monitoring capability". OA-6500S T monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring capability ensures a higher level of performance over the life of the sensor.

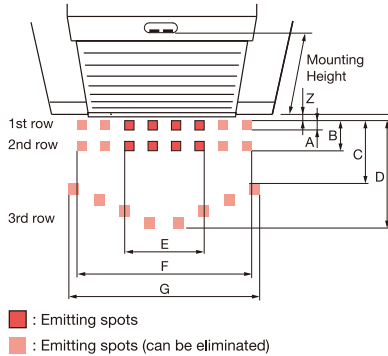
Complied with New ANSI standard

Detection Area

Standard window



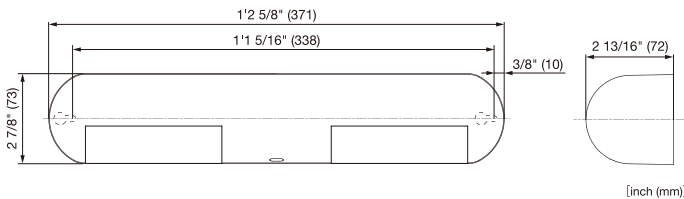
High mount window



[feet, inch (m)]

Mounting height	Standard window			High mount window	
	8'2" (2.50)	11'6" (3.50)	14'9" (4.50)	18'1" (5.50)	21'4" (6.50)
A Area depth	6" (0.15)	8" (0.21)	11" (0.28)	11" (0.34)	14" (0.40)
B Area depth	1'10" (0.56)	2'7" (0.79)	3'4" (1.01)	4'1" (1.24)	4'10" (1.47)
C Area depth	2'3" (0.68)	3'2" (0.96)	4'1" (1.24)	4'11" (1.51)	5'11" (1.79)
D Area depth	4'5" (1.34)	6'2" (1.87)	7'11" (2.41)	9'8" (2.94)	11'5" (3.48)
E Area width	5'1" (1.53)	7'1" (2.15)	9'1" (2.76)	9'2" (2.79)	10'10" (3.30)
F Area width	11'11" (3.64)	16'9" (5.10)	21'7" (6.56)	23'9" (7.23)	28'1" (8.55)
G Area width	12'7" (3.84)	17'8" (5.38)	22'8" (6.91)	25' (7.62)	29'7" (9.01)
Z Area depth	6" (0.15)	9" (0.22)	11" (0.28)	11" (0.34)	14" (0.41)

Dimensions



Specifications

Model	OA-6500S T
Colour	Black
Mounting height	8'2" (2.5) to 21'4" (6.5 m)
Detection area	See Detection Area
Detection method	Active infrared reflection method (All presence detection)
Depth adjustment	1st and 2nd rows : -15 to +5° 3rd row: +30 to +50°
Power supply	12 to 24 V AC ±10% (50 / 60 Hz) / 12 to 30 V DC ±10%
Power consumption	< 2.5 W (< 3.5 VA at AC)
Operation indicator	Green / Stand-by Red / 1st row detection Orange / 2nd and 3rd rows detection
Test input	Opto coupler Voltage 5 to 30 V DC Current 6 mA Max. (30 V DC)
Activation output	3rd rows detect N.C. / N.O. selectable 50 V 0.3 A max. (Resistance load)
Safety output	1st and 2nd row detects N.C. / N.O. selectable 50 V 0.3 A max. (Resistance load)
Output hold time	Approx. 0.5 sec.
Operating temperature	-4 to 131°F (-20 to +55°C)
Weight	21.2 oz (600 g)
Accessories	1 Operation manual 2 Mounting screws 1 Mounting template 1 High mount window 1 Cable 13'2" (4 m) 1 Protection sticker

Option

Rain cover XXL (RH-4)



Manufacturer / Asia sales Div.

OPTEX CO.,LTD.

5-8-12 Ogoto Otsu Shiga 520-0101 Japan
TEL.: +81-77-579-8360 FAX.: +81-77-579-8190

Asia Sales Div.

TEL.: +81-77-579-8030 FAX.: +81-77-579-8136
WEBSITE: www.optex.co.jp/as/eng/index.html

North and South American Subsidiary

OPTEX INCORPORATED. AMERICAS HEADQUARTERS

18730 South Wilmington Ave. Suite 100 Rancho Dominguez, CA 90220 U.S.A.
TOLL-FREE: 800 877 6656 FAX.: +1 310 214 8655
WEBSITE: www.ot-inc.com

East Coast Office

8510 McAlpines Park Drive, Suite 108 Charlotte, NC 28211 U.S.A.
TOLL-FREE: 800 877 6656 FAX.: +1 704 365 0818
WEBSITE: www.ot-inc.com

European Subsidiary

OPTEX Technologies B.V.

Henricuskade 17, 2497 NB The Hague, The Netherlands
TEL.: +31(0)70 419 41 00 FAX.: +31(0)70 317 73 21 E-MAIL: info@optex.eu
WEBSITE: www.optex.eu