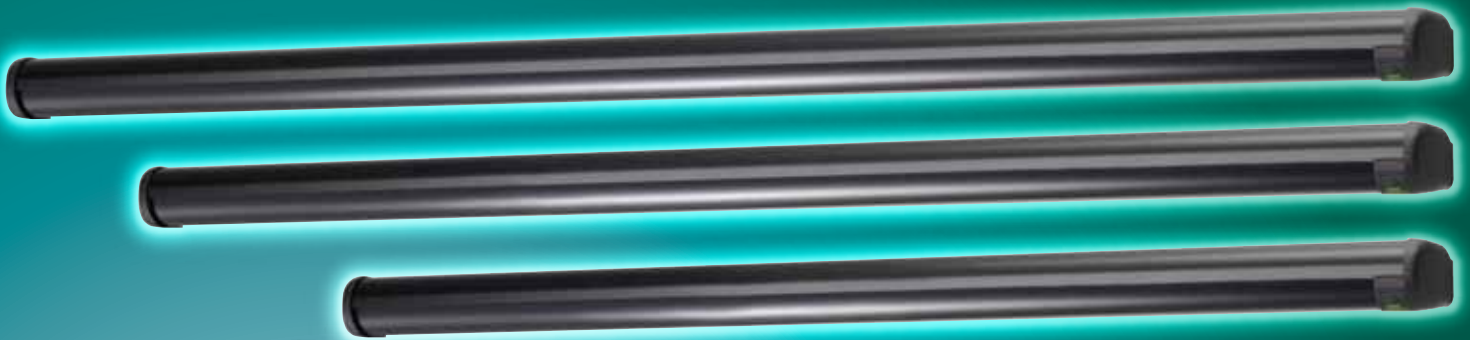


# Door Mounted Presence Sensors



# OA-EDGE T series



Black

Silver



The OA-EDGE T series are based on the Optex Active Infrared Triangulations Technology. Due to the modular design, you can upgrade the safety level of the sensor by adding additional modules.





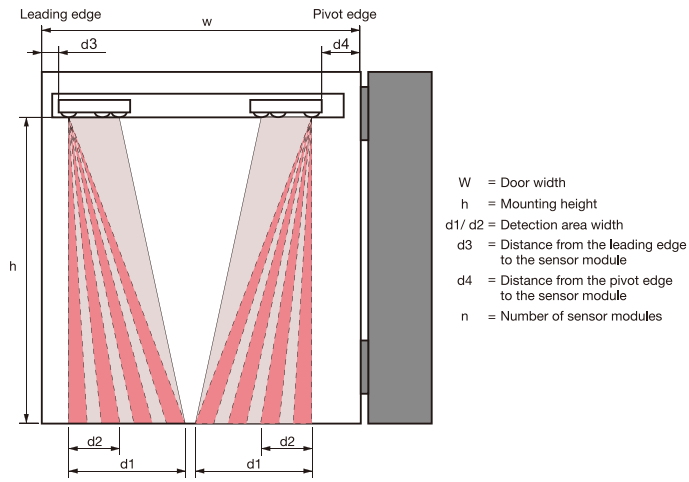
## Master and Slave Modules

The sensor can be assembled using master and slave modules according to the required safety level and the width of the swing door. For a standard configuration of 2 sensors installed on door with a width of 900 mm only one master module is required, a maximum of 3 slave modules can be connected to this master module.

## Monitoring Capability

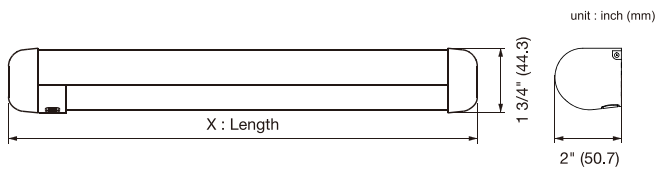
OA-EDGE T has built-in "monitoring capability". OA-EDGE T monitors all its critical functions and notifies compatible controls when an error occurs. Self monitoring capability ensures a higher level of performance over the life of the sensor.

### Detection Area



W				36" (914)		42" (1067)		3'11" (1219)	
h	d1	d2	d3	n	d4	n	d4	n	d4
5'11" (1800)	1'7" (480)	11" (280)	4" (102)*	2	4" (102)*	2	6" (152)	2	9" (229)
6'3" (1900)	1'8" (510)	11 7/16" (290)							
6'7" (2000)	1'9" (525)	11 13/16" (300)							
6'11" (2100)	1'10" (545)	12 3/16" (310)							
7'3" (2200)	1'10" (560)	12 5/8" (320)							
7'7" (2300)	1'11" (590)	13" (330)							
7'10" (2400)	1'12" (605)	13 3/8" (340)							
8'2" (2500)	2'1" (625)	13 3/4" (350)							

### Dimensions



X : 34 1/2" (876) , 40" (1016) , 44" (1117)

### Specifications

Model *	OA-EDGE1 T / OA-EDGE2 T			
Extrusion color	Black / Silver			
Mounting height	4'11" (1.5 m) to 9'10" (3.0 m)			
Detection area	See <b>DETECTION AREA</b>			
Detection method	Triangulation			
Min. configuration	1 master module + 1 LED module			
Max. configuration	4 sensor modules + 2 LED modules			
Depth angle adjustment	0° to +25°			
Power supply	12 to 24 VAC ±10% (50 /60 Hz) 12 to 30 VDC ±10%			
Power consumption	<1.3 W (<2 V A at AC) at Min. configuration <3.5 W (<4.5 V A at AC) at Max. configuration			
LED indicator	See chart below			
Test input	Opto coupler 5 to 30 VDC Current / 6 mA Max.			
Safety / Test output 1**	Form C relay			
Safety / Test output 2**	Voltage / 42 VDC Current / 0.3 A Max. (Resistance load) Output : see <b>INSTALLATION</b> chapter 3.Wiring			
Output hold time	Approx. 0.5 sec.			
Response time	<75 m sec.			
Operating temperature	-4°F to 131°F (-20°C to +55°C)			
Operating humidity	<80%			
IP rate	IP54			
Accessories	Silver self tap screw for extrusion ----- 2pcs Silver wood screw for extrusion ----- 2pcs Black small screw for endcap ----- 4pcs Black large screw for wire shroud cover ---- 2pcs Wire shroud ----- 1pcs Wire shroud cover ----- 1pcs Power supply cable ----- 1pcs Communication cable ----- Refer to matrix Manual ----- 1pcs			
		unit : inch (mm)		
Model	Sensor length	Cable length		
		4" (105)	10" (250)	19" (480)
OA-EDGE1 T	34.5	-	1pcs	1pcs
	40	-	1pcs	-
	44	-	1pcs	1pcs
OA-EDGE2 T	34.5	1pc s	1pcs	1pcs
	40	1pc s	1pcs	1pcs
	44	1pc s	1pcs	1pcs

\* : OA-EDGE1 T have 1 sensor module (Master only), OA-EDGE2 T have 2 sensor modules (Master + Slave).  
\*\* : There are two types of output. (Reactivate & Stall)

#### 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