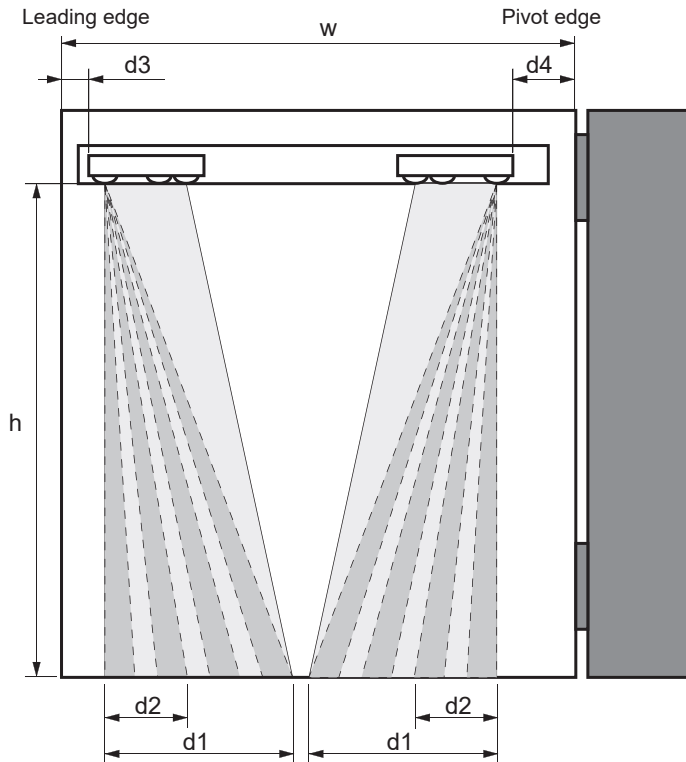


Recommended installation position



- W = Door width
- h = Mounting height
- d1/ d2= Detection area width
- d3 = Distance from the leading edge to the sensor module
- d4 = Distance from the pivot edge to the sensor module
- n = Number of sensor modules

unit : inch (mm)

W				36" (914)		42" (1067)		48" (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)							

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 and selection of inactive area.

For ANSI A156.10 applications you must walk-test the door using AAADM-recommended testing procedures. Adjustments may need to be performed. If unsure contact OPTEx Technical Support.
 * Note: For ANSI A156.10 Swing Side applications we recommend locating no further than 4" from latch edge of panel. For secondary activation (NON ANSI A156.10) module can be located for desired detection area.

Model * : OA-EDGE1 T / OA-EDGE2 T
 Extrusion color : Silver / Black
 Mounting height : 4'11"(1.5m) to 9'10" (3.0m)
 Detection area : See **Detection area**
 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 24VAC ±10% (50 / 60Hz)
 : 12 to 30VDC ±10%
 Power consumption : < 1.3W (< 2VA at AC) at Min. configuration
 : < 3.5W (< 4.5VA at AC) at Max. configuration
 LED indicator : See chart below
 Test input : Opto coupler 5 to 30VDC
 : Current / 6mA Max.
 Safety output 1** : Form C relay
 Safety output 2** : Voltage / 42VDC
 : Current / 0.3A Max (Resistance load)
 : output : see **Installation chapter 3.Wiring**
 Output hold time : Approx. 0.5sec.
 Response time : <75msec.
 Operating temperature : -4 to 131°F (-20 to +55°C)
 Operating humidity : <80%
 IP rate : IP54








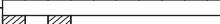

Accessories
 Silver self tap screw for extrusion ----- 2pcs
 Silver wood screw for extrusion ----- 2pcs
 Black small screw for endcap ----- 4pcs
 Black large screw for
 wire shroud cover ----- 2pcs
 Wire shroud ----- 1pcs
 Wire shroud cover ----- 1pcs
 Power supply cable ----- 1pcs
 Communication cable ----- Refer to matrix
 Manual ----- 1pcs

unit : inch(mm)

Model	Sensor length	Cable length			
		4" (105)	10" (250)	19" (480)	35" (900)
OA-EDGE1 T	34.5	-	1pcs	1pcs	-
	40	-	1pcs	-	1pcs
	44	-	1pcs	-	1pcs
OA-EDGE2 T	34.5	1pcs	1pcs	1pcs	-
	40	1pcs	1pcs	1pcs	-
	44	1pcs	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)


LED indicator

Status	Sensor module indicator	
Stand-by	Solid green	
Swing side detection (output 1)	Solid red	
Approach side detection (output 2)	Solid orange	
Incomplete Initialization	Red & green blinking	
Learning	Blinking yellow	
Incomplete learning	Yellow & red blinking	
Saturation	Slow red blinking	
Sensor failure	Fast red blinking	
Communication error	Twice orange blinking	


LED module indicator
 The color depends on the state of the output.


Safety output 1
 Swing side(Stall)

OFF : Solid green


ON : Solid red


Safety output 2
 Approach side(Reactivate)

OFF : Solid green


ON : Solid orange


NOTE The specifications herein are subject to change without prior notice due to improvements.
 *1 :LED will be turned off approx. 500ms when the sensor Test output signal works well.

