



Manufacturer's statement

Read this operation manual carefully before use to ensure proper operation of this product.
Failure to read this operation manual may cause improper operation and may result in serious injury or death of a person.
The meanings of the symbols are as follows.

WARNING Failure to follow the instructions that accompany this indication and improper handling may result in serious injury or death.

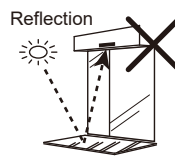
CAUTION Failure to follow the instructions that accompany this indication and improper handling may result in injury and/or damage to property.

NOTE Pay special attention to sections with this symbol.

- NOTE**
1. This product is a non-contact switch intended for header mount or wall mount for use on an automatic sliding door. Do not use for any other applications.
 2. When setting the sensor's detection area, make sure that there is no traffic around the installation site.
 3. Before turning the power ON, check the wiring to prevent damage or malfunction of equipment connected to the product.
 4. Only use the product as specified in the operation manual provided.
 5. Be sure to install and adjust the sensor in accordance with the local laws and standards of the country in which the product is installed.
 6. Before leaving the installation site make sure that the product is operating properly and instruct the building owner/operator on proper operation of the door and the product.
 7. The product settings can only be changed by an installer or service engineer. When changed, the changed settings and the date shall be registered in the maintenance logbook accompanying the door.

The following conditions are not suitable for sensor installation.

Fog,
Exhaust



WARNING

Danger of electric shock

Do not wash, disassemble, rebuild or repair the sensor, otherwise it may cause electric shock or breakdown of the equipment.

Quick Guide

Wiring

Sensor	Grey	Power
	Grey	Power
	White	COM.
	Yellow	N.O.
	Green	N.C.

Operation indicator

Status	Operation indicator color	1000 ms	1000 ms
Stand-by	Green		
1st row detection	Red blinking		
2nd row detection	Red		
3rd - 5th row detection	Orange		
Signal saturation	Slow Green blinking		
Sensitivity too low	Fast Green blinking		

Manufacturer

OPTEX CO., LTD.

5-8-12 Ogoto Otsu 520-0101, Japan
www.optex.net

North and South America Subsidiary

OPTEX INCORPORATED

10741 Walker Rd. Suite 300 Cypress,
CA 90630 U.S.A
Tel : +1(800)877 6656
www.optexamerica.com

Europe, Middle-East and Africa Subsidiary

OPTEX Technologies B.V.

Henricuskade 17, 2497 NB The Hague,
The Netherlands
Tel : +31(0)70 419 41 00
www.optex-europe.com

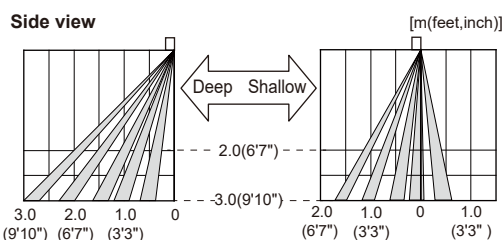
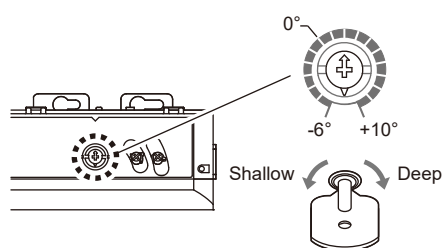
Legal representative (UK only)

OPTEX (EUROPE) LTD.

Unit 13 Cordwallis Park Clivemont Road
SL6 7BU Maidenhead, Berkshire United Kingdom
Tel : +44 (0)1628 631 000
www.optex-europe.com

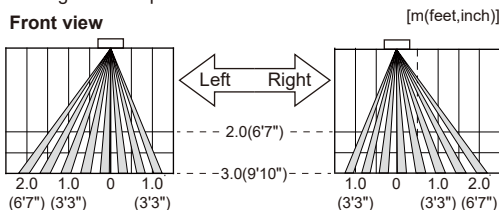
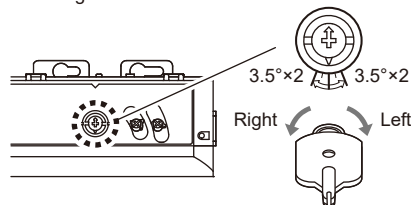
Area angle adjustment

Area depth angle adjustment



Area width angle adjustment

The angle of the detection area can be moved 7° either left or right in 2 steps.

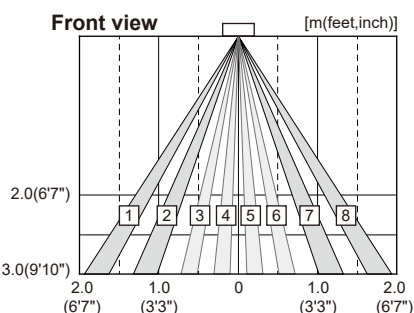
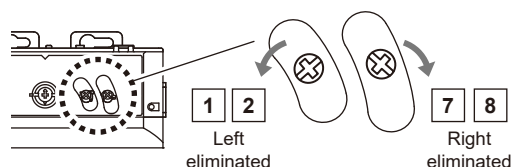


NOTE

1. Make sure that the detection area does not overlap with the door/header, and there is no highly reflecting object near the detection area otherwise ghosting/signal saturation may occur.
2. When adjusting the depth angle < 0°, make sure the sensor does not detect the door.

Area width adjustment

Adjust the detection area width with the adjustment screws.



NOTE

When setting the detection area width, make sure to turn the adjustment screws until it clicks.
 [1][2] and [7][8] cannot be eliminated independently.

Dipswitch settings

Function	Setting	(☐ Factory default settings)	Comment
Sensitivity	Low ☐ 1 ☐ 2 Middle ☒ 1 ☒ 2 High ☐ 1 ☐ 2 S-High ☐ 1 ☐ 2		Set the sensitivity with dipswitches 1 and 2. Refer to below values for mounting height and sensitivity. Make sure to finalize the proper setting dependent on site condition. Low or Middle : 2.0m to 2.5m / High : 2.3m to 2.7m / S-High : 2.5m to 3.0m
Presence timer	2 s ☐ 3 ☐ 4 30 s ☒ 3 ☒ 4 180 s ☐ 3 ☐ 4 ∞ ☐ 3 ☐ 4		(1) Select the presence time. (2) Turn the power OFF and ON again. Otherwise it may leave door open for the duration of the presence time set. (3) After making sure that the door closes, wait for 10 s before entering the detection area to set the presence timer.
Frequency	Setting 1 ☐ 5 ☐ 6 Setting 2 ☐ 5 ☐ 6 Setting 3 ☐ 5 ☐ 6 Setting 4 ☐ 5 ☐ 6		When using more than one sensor close to each other, set the frequency different for each sensor.
Snow mode	OFF ☒ 7 ON ☐ 7		Set this switch to "ON" if the sensor is used in a region with snow or a lot of insects.
Immunity	OFF ☒ 8 ON ☐ 8		Set this switch to "ON" when the sensor operates by itself (Ghosting). When this switch is set to "ON", the actual detection area may occur smaller.
Row adjustment	5 rows ☒ 9 ☒ 10 ☒ 11 4 rows ☐ 9 ☐ 10 ☐ 11 3 rows ☐ 9 ☐ 10 ☐ 11 2 rows ☐ 9 ☐ 10 ☐ 11 1 row ☐ 9 ☐ 10 ☐ 11		Set the depth rows with dipswitches 9, 10, 11. All other possible dipswitch settings will generate 5 rows active.
Presence detection active in all rows	OFF ☒ 12 ON ☐ 12		When this switch is set to "ON", presence detection is active in all rows.