



## Active Infrared Door Sensor *with Built-in Touchless Switch*

PRO **WAVE**  
*Air-Slide*



Combination Sensor and Door Switch

**All-in-One Touch Free Reliable Healthy**  
**Easy Installation No Damage from Gurneys Quality**  
**Infrared Technology Germ Free Fewer Components**

For use in Knowing Act Slide Door applications, the Air-Slide provides safety and convenience in one unit. The Air-Slide Active Infrared Door Sensor from OPTEX includes a built-in Touchless Switch. When the door is closed, the sensor operates as a virtual door switch, activating the door only when someone approaches the door and presents a hand near the sticker. This eliminates unwanted activations due to cross traffic. When activated, the Air-Slide provides safety throughout the threshold area keeping the door open until all people have moved away. Provide a high level of safety while eliminating cross-contamination points in your customer's facility with Air-Slide from OPTEX.

## Touch Free

Eliminate one of the only cross contamination points on a low energy or knowing act door by installing the Optex Air-Slide Combination Sensor and Door Switch.

## Fewer Components

Why install safety sensors and Knowing Act devices when you can provide the function of both in a single device? Reduce labor costs and eliminate another part that can be damaged.

## Safety

Safety is assured by the two rows of presence detection closest to the door, which never shut off. The sensor detects a person or object and holds the door open as long as they are in the threshold area, even if they stop or pause.

## All Conditions

Snow mode and sensitivity adjustments make this sensor suitable for every application and even extreme weather conditions.

## Easy Adjustment

By using easily set switches and shutters, the sensor can be quickly adjusted for many different applications. No external set-up device is needed.



When a person waves their hand in front of the sticker, the door opens.



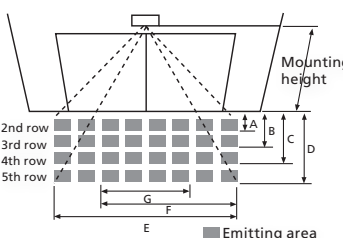
As the door opens, the Air-Slide provides a full detection area for safety.

## Air-Slide Combination Sensor and Door Switch

Specifications	Model	Air-Slide
Description		Combination Sensor and Door Switch
Cover color		Black
Mounting height		6'7" to 9'10"
Detection method		Active Infrared Reflection
Depth angle adjustment		1st row: -10° to +10°; 2nd-5th rows: +1° to +13°
Width angle adjustment		1st row: selected prism; 2nd-5th rows: ±7°
Power supply		12 to 24V AC (±10%); 12 to 30V DC (±10%)
Power consumption		<1.5W (<3VA at AC)
Operation indicator (left)		Green: Standby; Blinking Red: 1st row detection; Blinking Orange: 1st and 2nd row or 1st and 3rd row detection; Red: 2nd row detection; Orange: 3rd to 5th row detection
Operation indicator (right)		None: Standby
Output		Yellow: 1st row adjustment mode
Output hold time		Relay A (N.O.) 50V 0.1A Max. (Resistance load)
Response time		Approx. 0.5 sec.
Response time		<0.3 sec.
Operating temperature		-4 to 131°F
IP rate		IP44
Weight		320g (11.2 oz.)
Accessories		1 Power & Primary activation output cable (8'2") 1 Presence/Secondary activation cable (8'2") 1 Operation manual 2 Mounting screws; 1 Mounting template 1 Area adjustment tool 1 Middle prism; 1 Right prism; 1 Left prism 1 Touchless plate

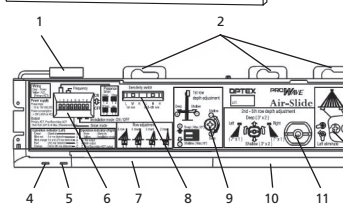
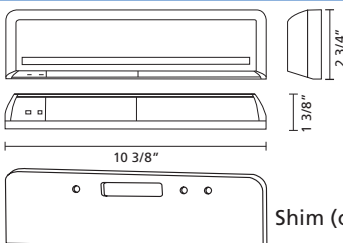
Specifications may change without notice

Detection Area	Mnt. ht.				
	6'7"	7'3"	8'2"	8'10"	9'10"
A	8"	9"	10"	11"	12"
B	1'5"	1'6"	1'9"	1'10"	2'
C	2'7"	2'10"	3'2"	3'5"	3'10"
D	3'12"	4'4"	4'11"	5'4"	5'12"
E	7'4"	8'	9'1"	9'10"	10'12"
F	5'3"	5'9"	6'7"	7'1"	7'11"
G	3'4"	3'8"	4'2"	4'6"	4'12"



The actual detection area may become smaller depending on the ambient light, the color/material of the object, and the floor as well as the entry speed of the object.

Dimensions	Touchless plate	
	4"	4"
10 3/8"	2 3/4"	1 3/8"



1. Power & Primary activation output Connector
2. Mounting holes
3. Presence/Secondary activation output Connector
4. Operation indicator (left)
5. Operation indicator (right)
6. Mode setting switch
7. Prism
8. Sensitivity switch
9. 1st row angle adjustment screw
10. Detection window
11. 2nd to 5th row angle adjustment lever
12. Width adjustment screw
13. Area Adjustment screw



3882 Del Amo Blvd, Suite 604  
Torrance CA 90503  
Ph 310 214-8644  
Fax 310 214-8655  
Toll free 800 877-6656  
www.ot-inc.com

Optex Technologies Inc.  
(East Coast Office)  
8510 McAlpine Park Dr.  
Suite 108  
Charlotte, NC 28211

