



## Active Infrared Motion, Presence and Side-Light Safety Sensor for Sliding Doors



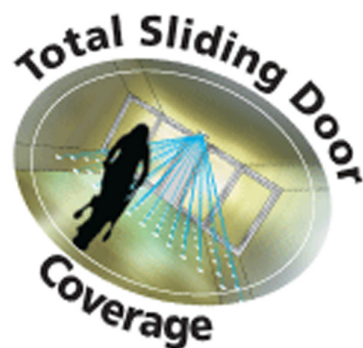
### NEW SIDE-LIGHT SAFETY CONCEPT

The Optex i-sensor is one of the world's only active infrared automatic door sensors to provide both threshold and side-light safety in a single sensor. Until now most automatic door distributors did not install side-light safety unless it was requested by the end user. The primary reasons for this were the added cost associated with installing extra sensors and the possible damage and injury that could result when the door is held in the closed position or opened slowly because of someone in the side-light. Optex's new concept solves these fundamental problems and turns side-light safety from a problem into a sales opportunity.

**Exceeds**  
**2005 ANSI**  
**156.10**  
**Call for Details**

*"The i-Sensor is by far the most reliable motion and presence sensor I have found in the marketplace. We have used it on nearly all manufacturers' doors and it has worked every time. The pricing, coverage, reliability and ease of installation make it a great value."*

*Tom Roehm, President  
Automatic Door Systems Inc.  
San Carlos, CA*



#### ORDERING INFORMATION

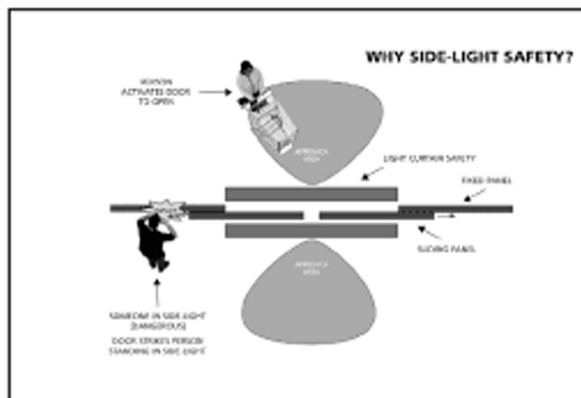
Model Number: i-One

Includes: Sensor, Cable,  
Mounting Screws and  
Installation Manual

**OPTEX**  
**TECHNOLOGIES, INC.**

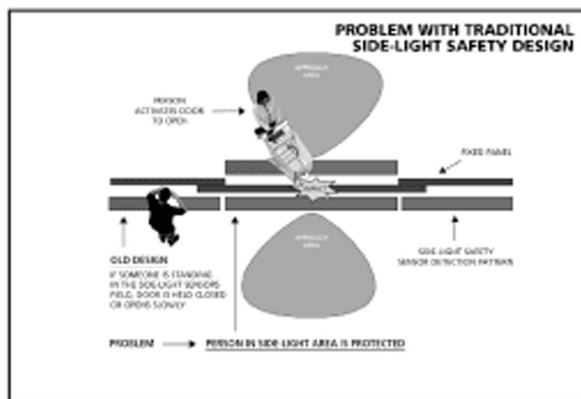


## THE EVOLUTION OF OPTEX SIDE-LIGHT SAFETY



### WHY IS SIDE-LIGHT SAFETY IMPORTANT?

Unless the automatic door has a pocket which covers the sliding panel, there is a chance that someone could be struck by the pivot style as the door opens. Any automatic door that does not have safety in this area has a potential to injure someone. Applications with unpredictable traffic flow have the highest risk of someone being injured. In these applications, injury may occur if a person stands near or leans into the side-light area.

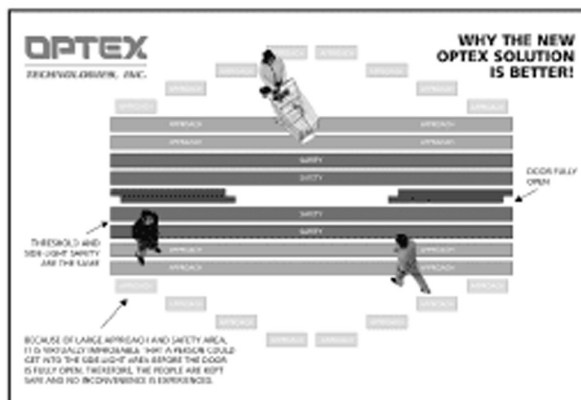


### THE PROBLEM WITH TRADITIONAL SIDE-LIGHT SAFETY:

The traditional way to protect the side-light area is to add two (2) additional sensors, one above each side-light. The problems associated with this solution are:

- Increased Materials Cost
- Increased Labor Cost
- Risk of Damage to Door if Door Slows or Stops and Someone Pushes Object Into or Runs Into Door
- Risk of Injury if Door Slows or Stops and Someone Runs Into Door
- Unnecessary Service Calls From Owner Who is Unclear Why Door is Not Opening Properly

For all these reasons, many distributors avoid offering side-light safety.



### THE NEW SIDE-LIGHT SOLUTION FROM OPTEX:

The key to Optex's new method of providing side-light safety is the large and flexible detection pattern of the i-sensor. At its maximum adjustment, the i-sensor has a presence detection area width of 16 ft. On a standard double sliding door, the detection area not only covers the threshold but also both side-light areas. In addition to the presence area, the i-sensor has a very wide and adjustable approach area. Once adjusted correctly on a door which is operating properly, it becomes virtually impossible for anyone to get to the side-light before it is fully open. This virtually eliminates the chance of anyone getting hurt by the doors pivot style as the doors open. By not stopping the door, there is no chance of inconvenience to the consumer by the door not opening when needed. In addition, because only one (1) sensor is installed instead of three (3), the side-light can be protected with absolutely no additional cost.

## TAKE A CLOSER LOOK AT THE i-SENSOR!

### WITH THE i-SENSOR YOU CAN:

- 3 Install Safer Doors
- 3 Increase Profits
- 3 Win More Bids
- 3 Reduce Installation Time

**OPTEX**  
TECHNOLOGIES, INC.

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