OPTEX

Door Mounted
Presence Sensor
For Multiple Door Types

OA-Edge Series

Safety **Active Infrared** **Modular**
Design **Fexible** **Quality**
Plug and Play **Triangulation**

The OA-Edge series from Optex is a line of door mounted presence sensors utilizing Infrared Triangulation Technology. This sensor system can be used for Low Energy and Full Power Swing Doors as well as revolving and folding doors. Unique LED indicator displays sensor status on the outside of the housing which improves feedback during set-up and use. Increase safety and reliability with the OA-Edge Series from Optex.

4 Spots of Detection

OA-Edge has 4 spots of detection. This provides a very dense coverage pattern down the face of the door.

Automatic Calibration

Sensor automatically learns distance to floor and automatically adjusts based upon application requirements. This dramatically increases reliability and ease of installation.

Easy Installation

The sensor is easy to install by simply clicking the master and slave modules into the profile. The master and slave modules are connected by a communication cable with connector. Alternative power supply connector on the master module makes installation quick.

Modules

For a standard configuration of 1 module (master) up to a maximum configuration of 4 modules (1 master, 3 slaves). All modules on one side of door or two modules each side of door (two on approach/two on swing).

LED Display

External LED display allows installer to easily determine detection area and make fine adjustments.

Multiple Lengths

Sensor comes in 4 different lengths, 13.5", 34.5", 40", and 44" versions. Sticks can also be cut to length by installer if needed.

Safety

The wide detection area of each module ensures a high level of safety around the door and will prevent the door leaf from coming in contact with an object or person detected near the door. Can be used on approach side for secondary activation. Also on the swing side in conjunction with an overhead presence sensor for comformance to ANSI/BHMA A156.10.
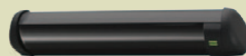
Design

The Optex OA-Edge series has a very slim design in order to fit on many different types of swing doors. The sensor is available in a black profile completed with a black lens.

OA-Edge Series

Specifications

Model	OA-Edge
Profile color	Black
Mounting height	4'11" to 9'10"
Detection method	Triangulation
Min. configuration	1 master module + 1 LED module
Max. configuration	4 sensor modules + 2 LED modules
Depth angle adjustment	0° - +25°
Power supply	12-24 VAC ±10% (50/60 Hz)
	12-30 VDC ±10%
Power consumption	<1.3W (<2VA at AC) at min. configuration
	<3.5W (<4.5VA at AC) at max. configuration
Output hold time	Approx. 0.5 sec.
Response time	<75m sec.
Operating temperature	-4°F to 131°F
Operating humidity	80%
IP rate	IP54
Dimensions	Various x 1 9/16" x 2" (l x h x d)
Accessories	1 Operation manual, 4 mounting screws, 1 power supply cable, 1 communication cable, 1 door transfer loop, 1 wiring cover

Ordering Information

OA-EDGE1(13.5)BL 13.5" housing and (1) Master Module
Note: OA-Edge(13.5)BL can only hold (1) Master Module

OA-EDGE1(34.5)BL 34.5" housing and (1) Master Module
OA-EDGE2(34.5)BL 34.5" housing and (1) Master Module and (1) Slave Module

OA-EDGE1(40)BL 40" housing and (1) Master Module
OA-EDGE2(40)BL 40" housing and (1) Master Module and (1) Slave Module

OA-EDGE1(44)BL 44" housing and (1) Master Module
OA-EDGE2(44)BL 44" housing and (1) Master Module and (1) Slave Module

Slave Module