

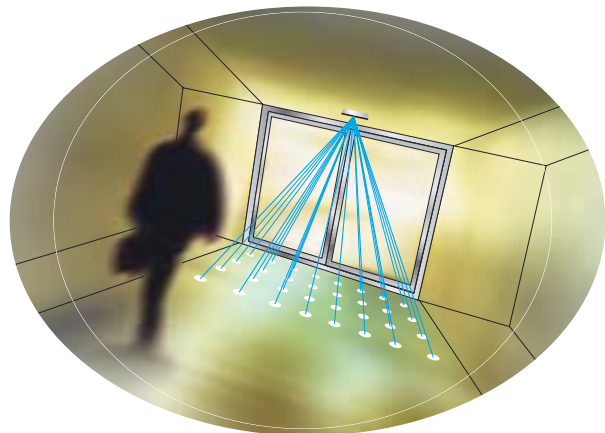


Passive Infrared Door Sensor



Compact Reliable Flexible Fail secure
Passive Infrared fail safe activation
QUALITY Large detection area DESIGN

The Optex OP-08C passive infrared door sensor is a reliable and cost effective sensor for every type of automatic door application. The compact housing makes it also suitable for recessed mounting.



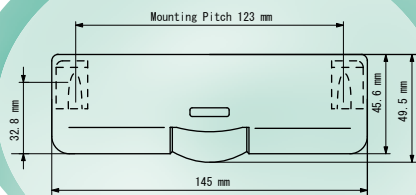
Flexible installation

The Optex OP-08C is very easy to install. Its compact size is ideal for mounting on the header, transom or ceiling, up to 4m (13 feet) high.

Large detection area

The detection pattern of the OP-08C consists of 10 individual zones, providing high sensitivity even in large areas. Rotating the spherical lens easily changes the detection area from standard to large size. By using area masking seals, the detection pattern's size and shape can be further customized to best fit the application.

Outer dimensions



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Specifications

| | |
|----------------------------|---|
| Model | OP-08C |
| Mounting Height | max. 4.0 m (13'1") |
| Detection Area Adjustments | See chart |
| Detection Technique | Passive Infrared |
| Power Supply | 12 - 24V AC/DC |
| Current Draw | 50mA max. |
| Power/Operating Indicator | LED ON: Standby LED OFF: Detection |
| Output Contact | Form C Relay 50V, 0.3A (Resistance Load) |
| Relay Hold Time | Approx. 1.5s |
| Operating Temperature | -20°C - +55° (-4°F - +131°F) |
| Outer Dimensions | 123 x 50 x 32mm (w x h x d) |
| Weight | 90 g (3.2oz.) |
| Accessories | 2 m Connection Cable 2 Mounting Screws Mounting Template Area Masking Seal |
| Available Colors | Black (OP-08CBL), Silver (OP-08CS) and White (OP-08CW) |

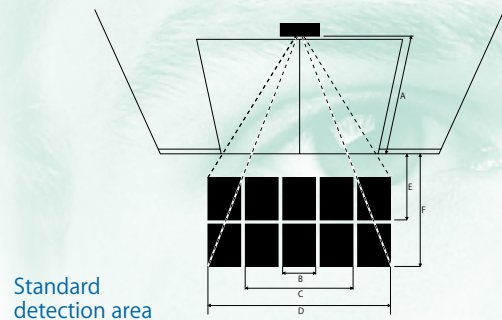
Design

With a compact, sleek design, the OP-08 is ideal for virtually all light commercial applications. It can be recessed, surface mounted or ceiling mounted and comes in a choice of black, silver or white housing.

All conditions

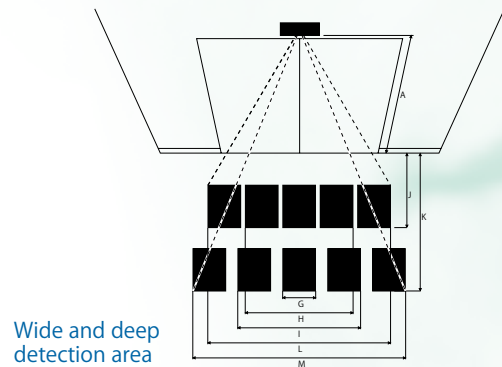
The OP-08's advanced circuitry minimizes false activations, making it ideal for environments with sunlight, wind, rain, snow or radio frequency noise.

Detection area chart



Standard detection area

| Mounting Height A | 2.50 | 3.00 | 4.00 |
|-------------------|------|------|------|
| Area Width B | 0.30 | 0.40 | 0.50 |
| Area Width C | 1.80 | 2.10 | 2.90 |
| Area Width D | 3.60 | 4.30 | 5.70 |
| Area Depth E | 0.80 | 1.00 | 1.30 |
| Area Depth F | 2.30 | 2.80 | 3.70 |



Wide and deep detection area

| Mounting Height A | 2.50 | 3.00 | 4.00 |
|-------------------|------|------|------|
| Area Width G | 0.50 | 0.60 | 0.80 |
| Area Width H | 1.50 | 1.80 | 2.50 |
| Area Width I | 2.50 | 2.90 | 3.90 |
| Area Depth J | 1.40 | 1.60 | 2.20 |
| Area Depth K | 3.30 | 3.90 | 5.20 |
| Area Width L | 3.00 | 3.70 | 4.90 |
| Area Width M | 5.00 | 6.00 | 8.10 |

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