



Passive Infrared Door Sensor

OP-08C



Black

Silver

White



Sensor with high efficiency and cost reliability

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 brings good looks, versatility, and high performance to request-to-exit PIR applications.

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Flexible Installation

The Optex OP-08C is very easy to install. Its compact size is ideal for mounting on the header, or transom, up to 4 m (13.1 ft.) high.

Large Detection Area

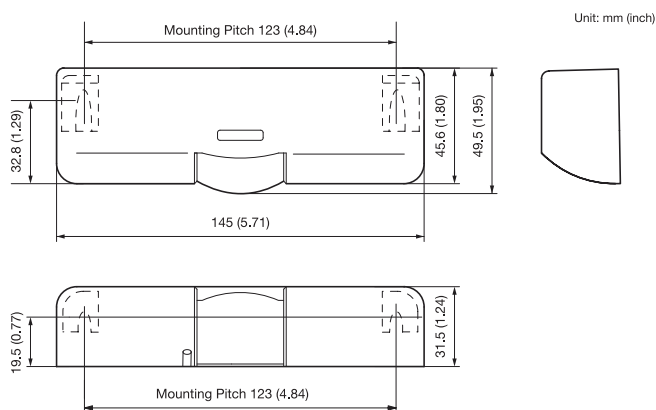
The detection pattern of the OP-08C consists of 10 individual zones, providing high sensitivity even in large areas. Rotating the spherical lens easily changes the detection area from standard to large size.

By using area masking seals, the detection pattern's size and shape can be further customized to best fit the application.

Specifications

Model	OP-08C
Mounting height	4.0 m (13'1") max.
Detection method	Passive infrared detection
Current draw	50 mA Max. (at 24 V DC)
Power supply	12 to 24 V AC/DC
Detection area	See detection area chart
Output contact	Form C relay, 24 V DC, within 1 A (Resistance Load)
Power/operating indicator	LED ON: Standby LED OFF: Detection
Relay hold time	Approx. 1.5s
Operating temperature	-20 to +55°C (-4 to +131°F)
Weight	90 g (3.2 oz)
Accessories	2 m Connection cable, 2 Mounting screws, Mounting template, Area masking seal

Dimensions



Design

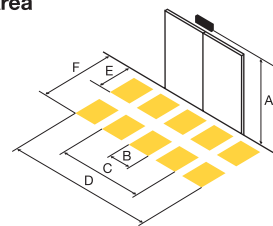
With a compact, sleek design, the OP-08 is ideal for virtually all light commercial applications. It can be recessed, surface mounted or ceiling mounted and comes in a choice of black, silver or white housing.

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

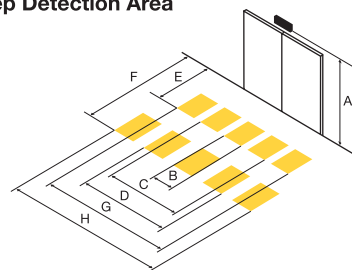
Standard Detection Area



Unit: m (feet)

A Mounting height	2.50 (8.2)	3.00 (9.8)	4.00 (13.1)
B Area width	0.3 (1.0)	0.4 (1.3)	0.5 (1.6)
C Area width	1.8 (5.9)	2.1 (6.9)	2.9 (9.5)
D Area width	3.6 (11.8)	4.3 (14.1)	5.7 (18.7)
E Area width	0.8 (2.6)	1.0 (3.3)	1.3 (4.3)
F Area width	2.3 (7.5)	2.8 (9.2)	3.7 (12.1)

Wide and Deep Detection Area



Unit: m (feet)

A Mounting height	2.50 (8.2)	3.00 (9.8)	4.00 (13.1)
B Area width	0.5 (1.6)	0.6 (2.0)	0.8 (2.6)
C Area width	1.5 (4.9)	1.8 (5.9)	2.5 (8.2)
D Area width	2.5 (8.2)	2.9 (8.5)	3.9 (12.8)
E Area width	1.4 (4.6)	1.6 (5.2)	2.2 (7.2)
F Area width	3.3 (10.8)	3.9 (12.8)	5.2 (17.1)
G Area width	3.0 (9.8)	3.7 (12.1)	4.9 (16.1)
H Area width	5.0 (16.4)	6.0 (19.7)	8.1 (26.6)

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