OP-08C

Passive Infrared Door Sensor

for request-to-exit and security applications

The OPTEX OP-08C passive infrared door sensor is a reliable and cost-effective sensor for request-to-exit and security applications. The compact, sleek OP-08C is easy to install on the header, transom or ceiling up to 13 feet high and can be recessed mounted. With a large, customizable detection pattern made up of 10 individual zones, the OP-08C is ideal for virtually all light commercial applications.

www.optexamerica.com

Features & Benefits

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

Design

With a compact, sleek design, the OP-08C 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.
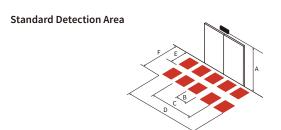
All conditions

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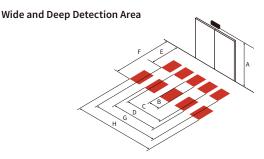
Specifications

Model	OP-08C
Available colors	Black (OP-08CBL); Silver (OP-08S); White (OP-08CW)
Mounting height	Max. 13'1"
Detection area adjustments	See chart
Detection method	Passive infrared
Power supply	12-24 VAC/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. 1.5 sec.
Operating temperature	-4°F to +131°F
Outer dims.	5.71" x 1.95" x 1.24" (w x h x d)
Weight	3.2 oz.
Accessories	6'6" connection cable; 2 mounting screws; mounting template; area masking seal

Detection Area

Standard Detection Area

A	Mounting height	8'3"	9'10"	13'1"
B	Area width	4"	1'4"	1'8"
C	Area width	1'10"	6'11"	9'5"
D	Area width	3'8"	14'1"	18'9"
E	Area width	10"	3'4"	4'4"
F	Area width	7'5"	9'3"	12'1"

Wide and Deep Detection Area

A	Mounting height	8'3"	9'10"	13'1"
B	Area width	1'8"	2'	2'8"
C	Area width	4'11"	5'11"	8'3"
D	Area width	8'3"	8'5"	12'10"
E	Area width	4'8"	5'3"	7'3"
F	Area width	10'10"	12'10"	17'1"
G	Area width	9'10"	12'1"	16'1"
H	Area width	16'5"	19'9"	26'8"

Dimensions

Mounting Pitch 4.84"
1.29"
1.80"
1.95"
5.71"
0.77"
1.24"
Mounting Pitch 4.84"

OPTEX
Sensing Innovation