

Microwave Door Sensor



OM-105C

Directional recognition model



OM-106C

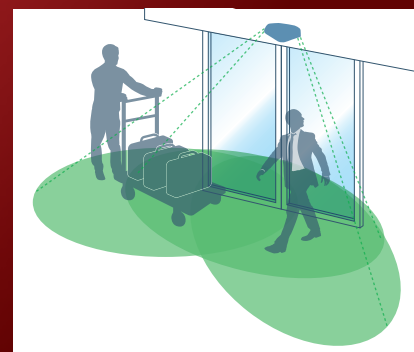


Black

Silver



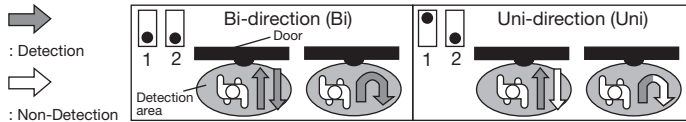
The Optex microwave sensors provide fast detection for all automatic door installations and particularly for applications with high speed entries. Due to the industrial design and easy installation these sensors will fit on every header or ceiling in any application you can imagine.



Bi / Uni directional setting (OM-106C only)

By selecting the uni directional mode the sensor will only detect traffic approaching the door, allowing the door to close more quickly for departing traffic.

Fast closing of doors offers a large benefit for the end user, because the doors will stay open for a limited time and therefore they will contribute to saving energy.



Auto-Caution Mode (OM-106C only)

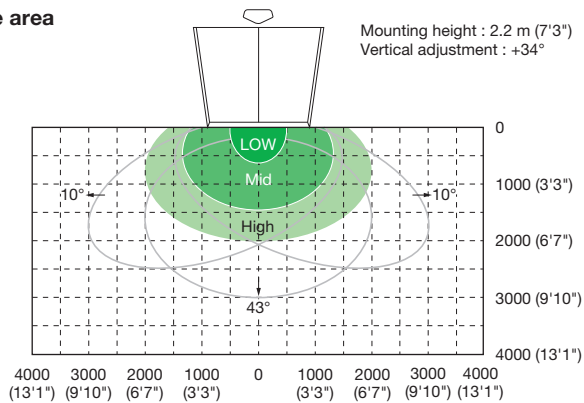
Auto-caution mode guarantees more reliability to prevent the door from closing, even if a person is wavering in the detection area.

OM-106C will change immediately from unidirectional to multi directional for safety purposes.

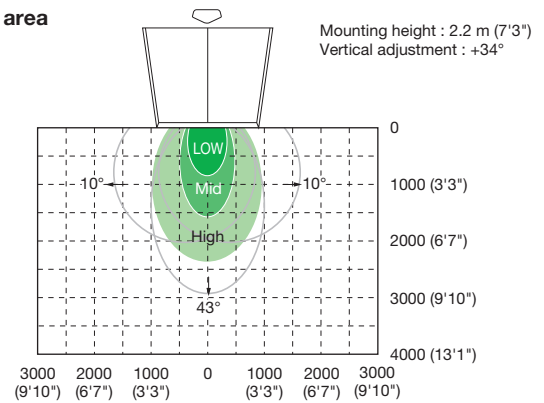


Detection Area

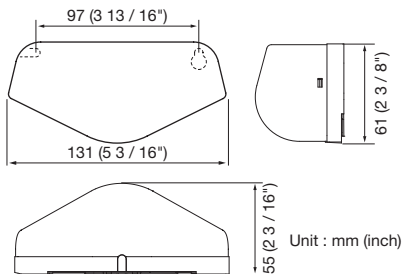
Wide area



Narrow area

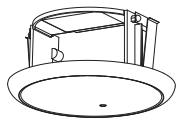


Dimensions



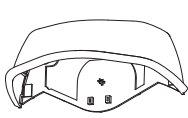
Options

Ceiling mount bracket



MW-CMK

Rain cover



RH-S

Specifications

Model	OM-105C / 106C	Output	Form C relay
Cover color	Black / Silver		50 V 0.3 A Max. (Resistance load)
Mounting height	2.0 (6'7") to 3.5 m (11'5")	Output hold time	0.5 sec. / 2.0 sec.
Detection method	Microwave doppler effect	Response time	< 0.3 sec.
Power frequency	24.125 GHz	Operating humidity	< 80%
Power density	< 20 dBm	Operating temperature	-20 to +55 C° (-4 to 131° F)
Detection area	See detection area	IP rate	IP54
Vertical adjustment	+10 to +70° (Header mount) +20 to +80° (Ceiling mount)	Weight	140 g (4.9 oz)
Horizontal adjustment	30° to left or right	Accessories	1 Cable 3 m (9'10") 1 Operation manual 2 Mounting screws 1 Mounting template 1 Narrow lens*
Power supply	12 to 24 VAC (±10%) 12 to 30 VDC (±10%)		
Power consumption	< 1.5 W (< 2 VA at AC)		
Minimum speed	5 cm (1 15 / 16") / sec.		
Operation indicator	Green / Stand-by Red / Detection Green blinking / Set-up		

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