

KTH MICROWAVE SENSOR

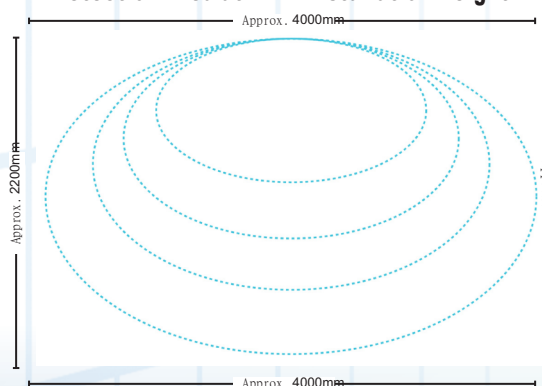


HR-50
HOTRON

TECHNICAL SPECIFICATION

Model	HR-50 Pedestrian Door Activation
Detection Method	K-Band 24.125Ghz - Microwave Motion Detection
Installation Height	Max 4000mm (13.1ft)
Sensor Dimensions	120mm (W), 70mm (H), 41.5mm (D)
Pattern Adjustment	Width Adjustment: Antenna Adjustment left/right 0° - 30° in each direction) Depth Adjustment: Antenna Adjustment up/down 0° - 90° in 6° steps
IP Rating	54
Power Supply	12 to 30V DC, 12 to 24V AC
Current Consumption	40mA(DC24V)
Relay Output	1C Type Relay(One Switching Contact)
Relay Hold Time	1.2 sec
Max. Switching Voltage	125VAC/ 60V DC
Min. Detection Speed	0.3 m/s
LED indication	Power on = Green, Detecting = Red, Initialization after power on = Green/Red Flashing
Operating Temperature	-30°C +55°C, (-22°F to 131°F)
Weight	91g+160g(box)
Available Colours	Black: Product Code

Detection Area at 2.2m Installation Height



REMARKABLE FUNCTIONS

Large Detection Area

Simple to Install

Attractive Design

Economical

KTH MICROWAVE SENSOR

Microwave activation sensor for automatic doors.
The OM-104C is especially designed to increase comfort on opening all types of automatic doors.
Due to the compact design and easy installation, these sensors fit on every header in any application.



OM-104C

SPECIFICATIONS

Model	OM-104
Cover color	Silver / Black
Mounting height	2.0 (6'7") to 3.5m (11'5")
Detection method	Microwave doppler effect
Power frequency	24.125GHz
Power density	<20dBm
Detection area	See Detection area
Minimum speed	5cm(1 15/16")/sec.
Vertical adjustment (without stopper)	+35° to +55° (5° per click) +25° to +55° (5° per click)
Power supply	12 to 24VAC(±10%) 12 to 30VDC(±10%)
Power consumption	< 0.7W(<1.3VA at AC)
Current draw	< 45mA (at 12VDC)

Operation indicator	Red / Stand-by None / Detection Red blinking / Set-up
Output	Form A relay 50V 0.1A Max.(Resistance load)
Output hold time	0.5sec.
Response time	<0.3 sec.
Operating humidity	<80%
Operating temperature	-20°C to +55°C(-4°F to 131°F)
IP rate	IP54
Weight	120g (4.2oz)
Accessories	1 Cable 2.5m (8'2") 1 Operation manual 2 Mounting screws