

HR50-Uni

Pedestrian Door Activation



SAVE ENERGY WITH THIS FLEXIBLE DIRECTIONAL SENSITIVE MICROWAVE DOOR ACTIVATION SENSOR

Robust and stylish swing and sliding door activation sensor suitable for mounting heights of up to 4m.



Swing Door Activation

Advanced technology allows mounting of the HR50-Uni on the swing side of a swing door without detecting door movement

Reduced Building Energy Loss

Maximize energy conservation by reducing door-open time through unidirectional detection

Versatile

Highly flexible antenna allows mounting above the door or from the ceiling. Interchangeable wide or narrow antenna ensures the desired detection area can be achieved for every installation

Attractive Design

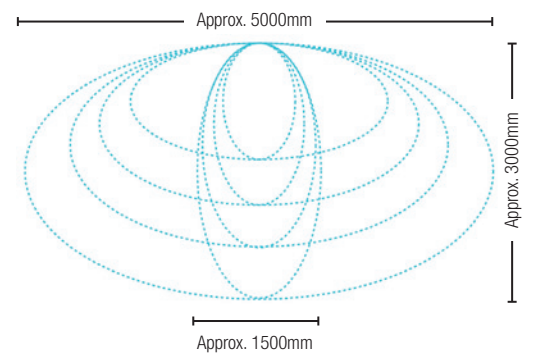
Small and neat so this sensor will enhance and complement all door types

Technical Specifications

Model	HR50-Uni 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	<p>Width Adjustment: Antenna Adjustment left/right 0°- 30° in each direction</p> <p>Width Adjustment: Turn Antenna to change detection pattern from wide to narrow</p> <p>Width Adjustment: Sensitivity Adjustment (Potentiometer)</p> <p>Depth Adjustment: Antenna Adjustment up/down 0°- 90°</p> <p>Depth Adjustment: Sensitivity Adjustment (Potentiometer)</p>
IP Rating	54
Power Supply	12 to 30V DC, 12 to 24V AC
Current Consumption	40mA (DC24V)
Power	< 1.4W
Transmitting Power	16 dBm
Output	PhotoMOS (On resistance Max. 35Ω)
Relay Hold Time	1.2sec
Max. Switching Power	125V AC 0.1A
Max. Switching Voltage	125V
Max. Switching Current	0.24A (100ms)
Min. Detection Speed	0.3 m/s
LED Indication	<p>Power On = Green</p> <p>Detecting = Red</p> <p>Initialization after power on = Green/Red Flashing</p>
Operating Temperature	-30°C to +55°C, (-22°F to 131°F)
Weight	90g + 160g (box)
Available Colours	Black: Product Code = HR50-Uni
Accessories Provided	<p>Connection Cable</p> <p>Mounting Template</p> <p>Mounting Screws</p>



Detection Area at 2.2m Installation Height



Accessories



WC_HR50

Weather cover for the HR50 sensor