

HR50-UNI

DATASHEET

Sensor Partners BV

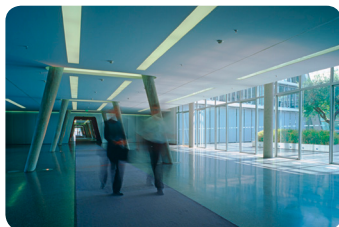
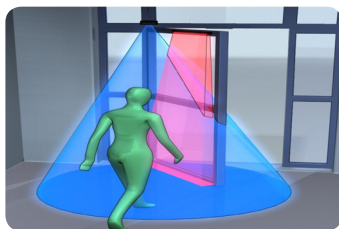
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HR50-Uni

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

HR50-Uni

Activation



Technical Specification

Accessories



WC_HR50
Weather cover for the
HR50 sensor

Model	HR50-Uni Pedestrian Door Activation	
Detection Method	K-Band 24.125 Ghz - Microwave Motion Detection	
Installation Height	Max 4000mm (13.1 ft)	
Sensor Dimensions	20mm	0mm H 4 .5mm D
Pattern Adjustment	Width Adjustment: Antenna Adjustment left/right 0°- 30° in each direction	
	Width Adjustment: Turn Antenna to change detection pattern from wide to narrow	
	Width Adjustment: Sensitivity Adjustment (Potentiometer)	
	Depth Adjustment: Antenna Adjustment up/down 0°- 90°	
	Depth Adjustment: Sensitivity Adjustment (Potentiometer)	
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	Power On	= Green
	Detecting	= Red
	Initialization after power on	= Green/Red Flashing
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	Connection Cable	
	Mounting emplate	
	Mounting Screws	

Detection Area at 2.2m Installation Height

