

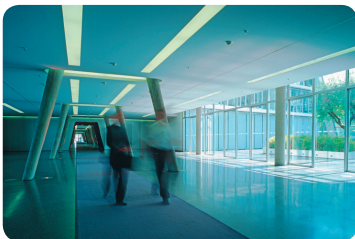
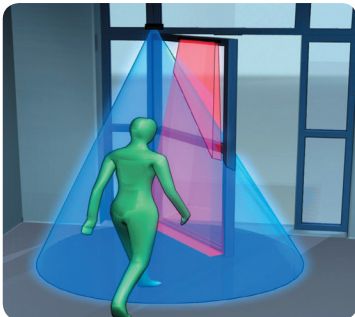


HR50-UNI

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



prEN 16005



www.hotron.com

HITRON

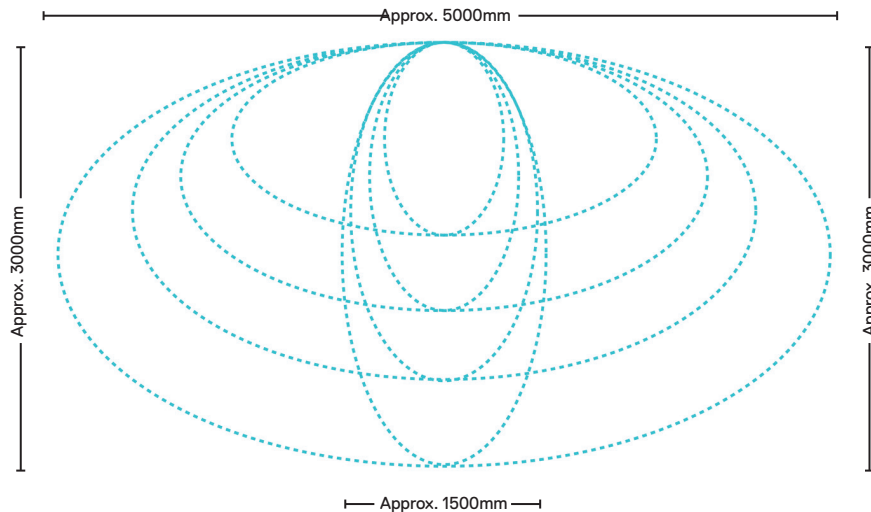
HR50-UNI

Activation



Detection Area

Detection Area at 2.2m Installation Height



Accessories

Weather Cover
WC_HR50



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	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 Template, Mounting Screws	