



Bi-Directional Microwave Door Activation

User-friendly overhead microwave sensor suitable for a variety of door types at mounting heights of up to 4m



- **Large Detection Area**
Detection area of up to 4m wide x 2m deep¹ ensures timely door activation when doors are approached by fast moving traffic
¹ Installation height of 2.2m
- **Simple to Install**
Easy installation to suit all environments through detection area adjustment and sensitivity potentiometer
- **Attractive Design**
Small and neat so this sensor will enhance and complement all door types
- **Economical**
Cost effective pricing to suit all market needs

HR50

Activation



Technical Specification

Accessories



WC_HR50
Weather cover for the HR50
sensor

Model	HR50 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: Sensitivity Adjustment (Potentiometer) Depth Adjustment: Antenna adjustment up/down 0° - 90° in 6° steps 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	
Relay Output	1C Type Relay (One Switching Contact)	
Relay Hold Time	1.2sec	
Max. Switching Power	125V AC 0.5A, 24V DC 1A	
Max. Switching Voltage	125V AC / 60V DC	
Max. Switching Current	1A	
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	91g + 160g(box)	
Available Colours	Black: Product Code = HR50	
Accessories Provided	Connection Cable Mounting Template Mounting Screws	

Detection Area at 2.2m Installation Height

