

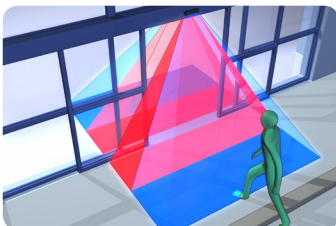
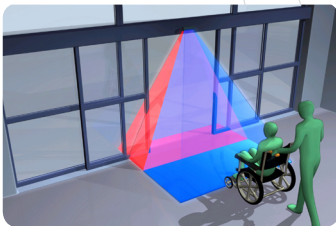


HR100-CT

Activation + Monitored Safety

Advanced Unidirectional Detection Sensor with Monitored Safety and Unique “Door Learn” Ability

Pioneering super sensor offers pedestrian door activation and unprecedented safety at mounting heights of up to 3m



Energy Efficient

Intelligent unidirectional detection ability reduces door hold open time by 20% and building energy loss by 6% in a standard installation

Unparalleled Pedestrian Safety

Unique ability to memorize door motion allows the infrared safety curtain to be focused inside the moving door leaf resulting in unparalleled pedestrian safety

Versatile

Flexibility to adjust the door activation and pedestrian safety detection zones independently makes the HR100-CT the ideal sensor for every sliding door installation

Ease of Installation

All the information necessary to install the HR100-CT sensor is printed on the sensor body



www.hotron.com



HOTRON
AUTOMATIC DOOR SENSORS

HR100-CT

Activation + Monitored Safety



Technical Specification

Model	HR100-CT Dual Relay Output Pedestrian Door Activation + Monitored Safety	
Detection Method	Active Infrared Detection	
Installation Height	2000mm to 3000mm (6.5ft to 10ft)	
Sensor Dimensions	230mm (W), 70mm (H), 44mm (D)	
Pattern Adjustment	Width Adjustment: Inner 3 rows Wide or Narrow Width Adjustment: Outer 2 rows Wide or Narrow Depth Adjustment: Inner 3 rows 0° - 8° Depth Adjustment: Outer 2 rows 0° - 10° Depth Adjustment: 1 to 5 rows of detection (Dip Switch)	
Presence Timer	2sec, 30sec, 1min and infinity (Inner 3 rows) 1sec (Outer 2 rows)	
IP Rating	54	
Power Supply	12 to 24V AC or DC ± 10%	
Power Consumption	AC12V-2.1 [VA] (Max), DC12V-110 [mA] (Max) AC24V-2.1 [VA] (Max), DC24V-60 [mA] (Max)	
Output	Open Collector 7.5 [mA] (Min) Resistor Load	
Relay Hold Time	Approx. 0.5 sec	
LED Indication	Power On = Green Detecting = Red Detecting Door = Orange	
Operating Temperature	-20°C to +60°C, (-4°F to 140°F)	
Weight	250g (0.55 lbs)	
Available Colours	Black: Product Code = HR100-CT/BL Silver: Product Code = HR100-CT/S	
Accessories Provided	2.5m Connection Cable, Mounting Template, Mounting Screws, Installation Instructions	

Accessories



UTB-HR100
Ceiling attached bracket



ITB-HR100
Ceiling recessed bracket



HR100-COV/BL
Black sensor cover
HR100-COV/S
Silver sensor cover



WC/BL
Black weather cover

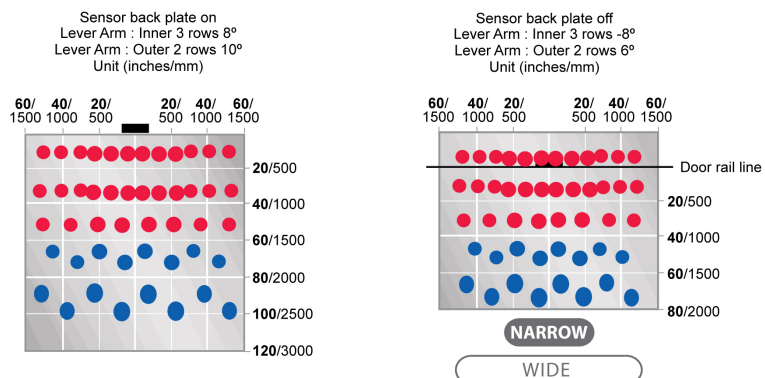


HA-120
Ceiling recessed bracket



BF-1
Spot-finder installation tool

Detection Area (inches/mm)



Wiring Information

