

# HR100-CT

## DATASHEET

**Sensor Partners BV**

James Wattlaan 15  
5151 DP Drunen  
The Netherlands

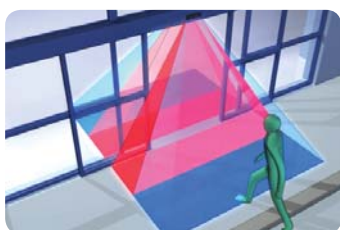
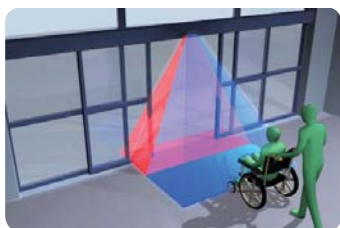
+31 (0)416 - 37 82 39  
info@sensorpartners.com  
sensorpartners.com

**Sensor Partners BVBA**

Z.1 Researchpark 310  
B-1731, Zellik  
Belgium

+32 (0)2 - 464 96 90  
info@sensorpartners.com  
sensorpartners.com





## 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

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Activation + Monitored Safety



## Technical Specification

### 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



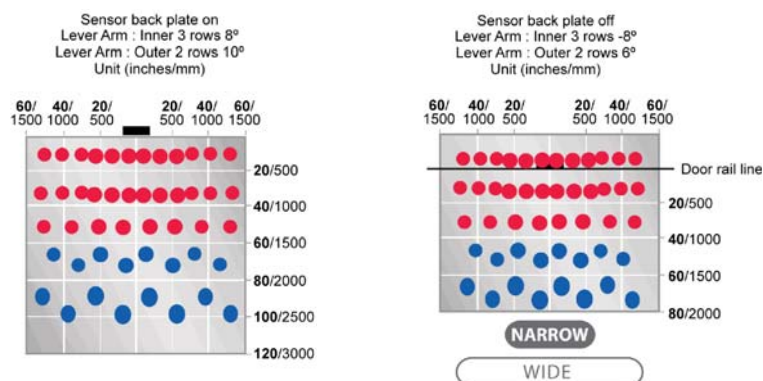
HA-120  
Ceiling recessed  
bracket



BF-1  
Spot-finder  
installation tool

Model Detection Method	HR100-CT Dual Relay Output Pedestrian Door Activation + Monitored Safety 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 24VAC or DC $\pm$ 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	Green Standby Blue ROW 4,5 Detecting Red ROW 1,2,3 Detecting
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

### Detection Area (inches/mm)



### Wiring Information

