



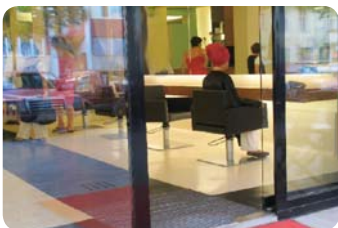
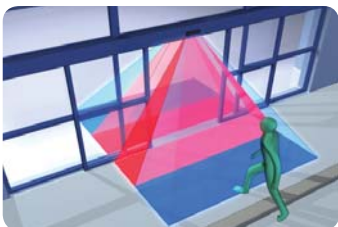
HR100-C1

Activation + Monitored Safety

**DIN18650 &
prEn12650
Compliant**

Combine Automatic Door Activation with Monitored Pedestrian Safety

Innovative dual relay output technology provides pedestrian door activation and extensive safety at mounting heights of up to 3m



- **Two Sensors in One**
Guarantee optimum door usage efficiency through separate adjustment of door activation and pedestrian safety detection zones
- **Timely Door Opening**
Guarantee immediate detection of fast moving traffic up to a detection distance of 2m from the door face¹
¹ Installation height of 2.2m
- **Safety Beam Installation Optional**
Separate relay outputs for activation and safety combined with a safety detection zone that is monitored once per door cycle eliminates the need for time consuming safety beam installation
- **Improved Pedestrian Safety**
Enhance safety in front of the door close area with a focused 24 spot infrared safety curtain



www.hotron.com

HOTRON

HR100-C1

Activation + Monitored Safety



Technical Specification

Model	HR100-C1 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, 15sec, 1min and infinity (Inner 3 rows) 2sec and 15sec (Outer 2 rows)		
IP Rating	54		
Power Supply	12 to 24V AC or DC ± 10%		
Power Consumption	AC12V-1.7 [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-C1/BL Silver: Product Code = HR100-C1/S		
Accessories Provided	2.5m Connection Cable, Mounting Template, Mounting Screws, Installation Instructions		

Accessories



1200R
Spacer for installation
on a round door



UTB-HR100
Ceiling attached bracket



ITB-HR100
Ceiling recessed bracket



Cable-2.5M
Hotron 2.5M Cable



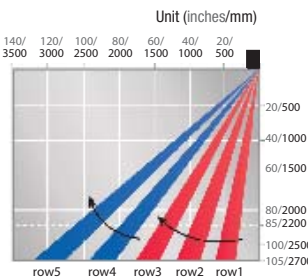
HR100-COV/BL
Black sensor cover
HR100-COV/S
Silver sensor cover



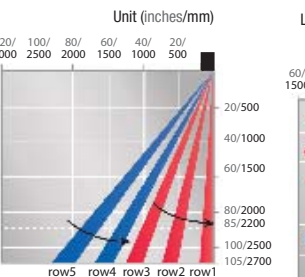
WC/BL
Black weather cover

Detection Area (inches/mm)

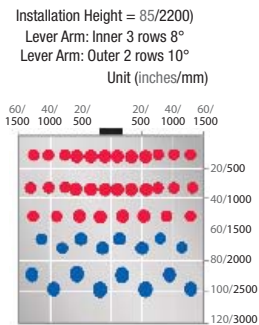
Side View (Max.)



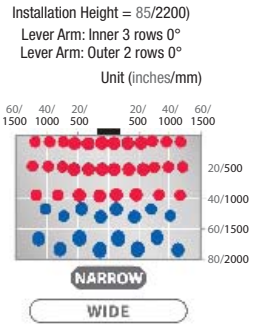
Side View (Min.)



Plan View (Max.)



Plan View (Min.)



Wiring Information

