

# HR400-IND

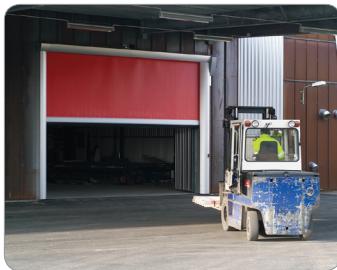
## DATASHEET

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## HR400-IND

Activation + Safety

### Industrial Door Activation & Pedestrian Safety

Door activation with pedestrian safety in one sensor at mounting heights of up to 4.7m

- **Timely Door Opening**  
Large adjustable detection area ensures timely door opening
- **Optimize Pedestrian Safety**  
High density infrared safety curtain protects pedestrians from dangerous door closures.
- **Eliminate Door/Goods Damage**  
Infinity presence timer prevents door closures on static objects left in the door close zone
- **Reduce Building Energy Loss**  
Uni-directional detection technology reduces building energy losses by as much as 20%

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## Technical Specification

### Accessories



UTB  
Under Mount Bracket



WC\_IR/BL  
Black weather cover



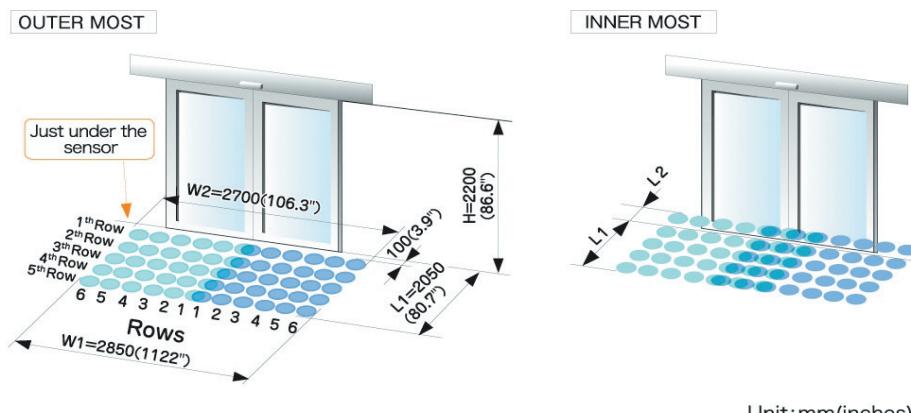
5 PIN CAB-8m  
Hotron 8M cable

Model	HR400-IND Industrial Door Activation + Safety
Detection Method	Active Infrared Detection
Installation Height	Max 2000mm to 4700mm (8ft to 15ft)
Sensor Dimensions	265mm (W), 61mm (H), 37.5mm (D)
Pattern Adjustment	Width Adjustment: Wide or Narrow Pattern (Side Dials) Depth Adjustment: Sensor body angle 0° to 15° in 5 steps Depth Adjustment: 2 to 5 rows of detection (Dip Switch)
Presence Timer	2s / 60s / 10m / ∞
IP Rating	54
Power Supply	12 to 24V AC or DC ± 10%
Power Consumption	AC12V-2.5[VA], DC12V-140[mA] AC24V-2.5 [VA], DC24V-65 [mA]
Output Relay	Relay contact:Form 1C Relay DC 50V,0.1A (Resistor Load)
Relay Hold Time	Approx. 0.5 sec
Operating Temperature	-20°C to +60°C, (-4°F to 140°F)
Weight	290g (0.64 lbs)
Available Colours	Black or Silver
Accessories Provided	8m Connection Cable MountingTemplate Mounting Screws Installation Instructions

### Detection Area (inches/mm)



HA-130  
Internal mounting  
bracket



Unit:mm(inches)

H	Outermost detection area			Innermost detection area			
	W1	W2	L1	W1	W2	L1	L2
2000 (78.7")	2590 (102.0")	2450 (94.5")	1860 (73.2")	2180 (85.8")	2360 (92.9")	1130 (44.4")	-500 (19.7")
2200 (86.6")	2850 (112.2")	2700 (106.3")	2050 (80.7")	2400 (94.5")	2600 (102.4")	1250 (49.2")	-550 (21.7")
2500 (98.4")	3230 (127.2")	3060 (120.5")	2330 (91.7")	2720 (107.1")	2950 (116.1")	1420 (55.9")	-620 (24.4")
3000 (118.1")	3880 (152.8")	3680 (144.9")	2790 (109.8")	3270 (128.7")	3540 (139.4")	1700 (66.9")	-750 (29.5")
3500 (137.8")	4530 (178.4")	4290 (168.9")	3260 (128.4")	3810 (150.0")	4130 (162.6")	1980 (78.0")	-870 (34.3")
4000 (157.5")	5180 (203.9")	4900 (192.9")	3720 (146.5")	4360 (171.7")	4720 (185.8")	2260 (89.0")	-1000 (39.4")