



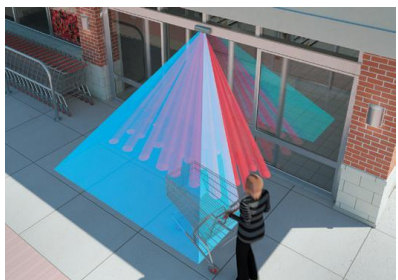
HR400

Activation + Safety



High-Mount Door Activation & Pedestrian Safety

Incorporating door activation along with pedestrian safety in one sensor at mounting heights of up to 4000 mm



- **Timely Door Opening**
Large adjustable detection area ensures timely door opening
- **Optimize Pedestrian Safety**
Protect pedestrians from dangerous door closures with a high density infrared safety curtain focused directly in front of the door close zone
- **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%



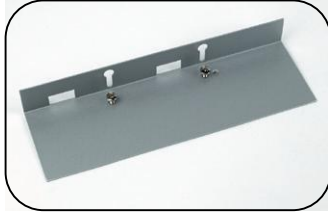
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Technical Specification

Accessories:



UTB - Under-transom bracket



WC_IR - Weather Cover



HA-130 - Ceiling Installation Bracket



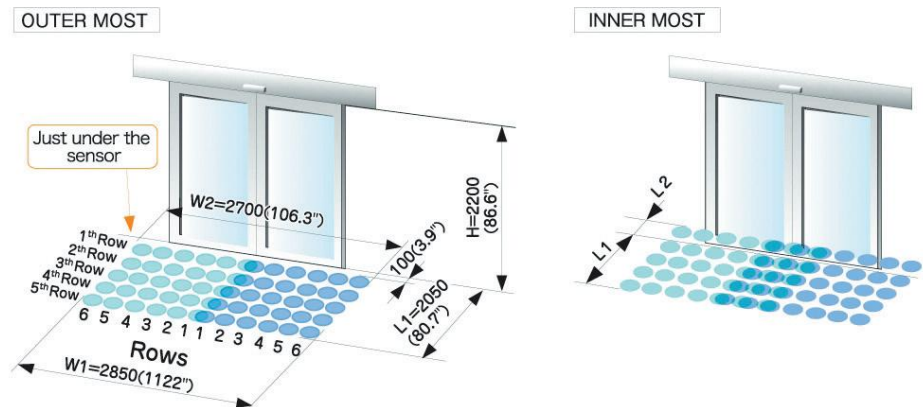
5 PIN CAB-8m (8000mm cable)



BF-2 - Infrared beam finder

| | |
|------------------------------|--|
| <u>Model</u> | HR400 Sliding Door Activation + Safety |
| <u>Detection Method</u> | Active Infrared Detection |
| <u>Installation Height</u> | Max 2000mm to 4000mm (8ft - 13ft) |
| <u>Sensor Dimensions</u> | 265mm (W), 61mm (H), 37.5mm (D) |
| <u>Pattern Adjustment</u> | 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) |
| <u>Presence Timer</u> | 2s / 30s / 60s / ∞ |
| <u>IP Rating</u> | 54 |
| <u>Power Supply</u> | 12 to 24V AC or DC ± 10% |
| <u>Power Consumption</u> | AC12V-2.5[VA], DC12V-140[mA] AC24V-2.5 [VA], DC24V-65 [mA] |
| <u>Output Relay</u> | Relay contact: Form 1C Relay DC 50V, 0.1A (Resistor Load) |
| <u>Relay Hold Time</u> | Approx. 0.5 sec |
| <u>Operating Temperature</u> | -20°C to +60°C (-4°F to 140°F) |
| <u>Weight</u> | 290g (0.64 lbs) |
| <u>Available Colours</u> | Black: Product Code = HR400/BL |
| <u>Accessories Provided</u> | 8m Connection Cable Mounting Template Mounting Screws Installation Instructions |

Detection Area [inches/mm]:



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") |