

## HR400

Activation + Safety

### High Mount Combined Door Sensor

Dense 60 spot curtain of infrared activation  
& safety at mounting heights of up to 4m

- Mounting heights of up to 4m
- Energy Efficient
- Unparalleled Pedestrian Safety
- Versatile
- Ease of Installation



# HR400

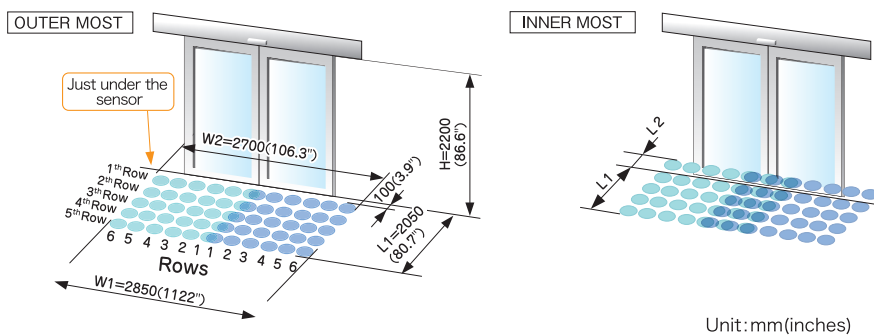
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## Technical Specification

|                        |  |
|------------------------|--|
| Model                  | HR400 High Mount Combined Door Sensor  |
| Detection Method       | Active Infrared Detection  |
| Installation Height    | 4.0m (13.12ft) Max   |
| Sensor Dimensions      | 265mm (W), 61mm (H), 37.5mm (D)  |
| Depth Adjustment       | Angle : Unit 0° ~ +15° (Depth Adjustment Screw Setting)<br>Row : R2 ~ R5 (Dip Switch)  |
| Width Adjustment       | Detection Width Setting : Left & Right each<br>6rows / 4rows / 2rows (Dip Switch for Left & Right each)<br>Detection Width Movement : Left & Right each<br>1 row movement (Width Adjustment Knob for each Left & Right)      |
| Response Time          | 0.1s   |
| Presence Timer         | 2s / 30s / 60s / ∞   |
| Frequency              | 4 Frequencies (Dip Switch)   |
| Monitor Mode           | Normal / Snow1 / Snow2 / Snow3 (Dip Switch)  |
| Doorway Learn          | ON / OFF (Dip Switch)  |
| Direction Detection    | ON / OFF (Dip Switch)  |
| Sensitivity Adjustment | Available (Potentiometer)  |
| LED Indication         | Standby : Green Doorway Learning : Green Blinking Detecting : Red<br>Door Hunting : Orange Internal Sensor Error : Green & Red Blinking<br>Indicates a change of dip switch settings or sensitivity volume : Orange Blinking |
| Power Supply           | AC/DC 12 ~ 24V ±10%  |
| Power Consumption      | AC12V : 2.5VA Max, AC24V : 2.5VA Max<br>DC12V : 140mA Max, DC24V : 65mA Max  |
| Output                 | Form 1C Relay DC 50V, 0.1A (Resistor Load)   |
| Output Holding Time    | Approx. 0.5s   |
| Operating Temperature  | -20°C ~ +60°C, (-4°F ~ +140°F)   |
| IP Rating              | IP54 (With Base)   |
| Weight                 | Approx. 290g (0.64 lbs)  |
| Accessories Provided   | Cable, Mounting Template, Installation Instructions  |

## Detection Area (inches/mm)



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