

COMBINED DOOR ACTIVATION AND SAFETY SENSOR


Active Infrared Motion and Presence Detection


HR94D



FEATURES

- Medium range motion and presence detection sensor, ideal for high street automatic door application.
- Incorporated into the built in microprocessor is a presence timer that can be user set to 2, 15, 60 and 180 seconds ensuring extra safety near the door close area.
- The sensors microprocessor automatically takes counter-measures against adverse conditions such as falling snow, flying insects, strong sunrays and electrical noise.
- The sensing pattern consists of four rows parallel to the door, each row contains eight beams resulting in a high density of infrared beams scanning the sensing area.
- Quick installation combined with easy adjustment.
- 4-frequency setting to avoid cross interference between sensors in close proximity.
- Operation 12-32V AC/DC, form C relay.
- Clearly defined sensing area.

 *Medium range sensor; ideal for automatic door applications on the high street, in hospitals etc.*

 *Presence detection capabilities ensure safety in and around the door close area.*



**MEETING YOUR
SENSING
REQUIREMENTS**

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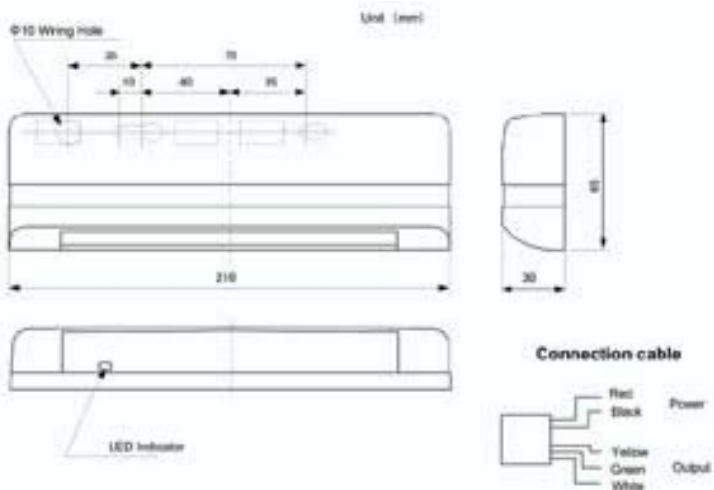


HR94D



Active Infrared Motion and Presence Detection

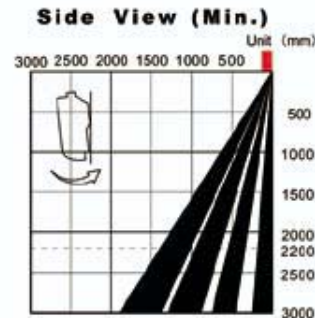
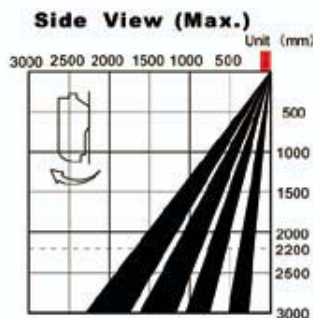
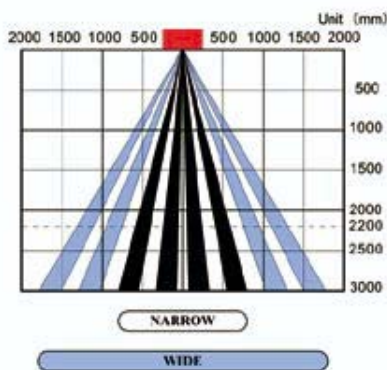
Dimensions



| Model | HR94D (Motion & Presence) |
|---------------------|--|
| Detection Method | Active Infrared Detection |
| Installation Height | Max 3000 mm |
| Pattern Adjustments | Wide or Narrow Pattern Width (Mask Dial) Angle adjustment 0° to 5° in 3 steps 1 to 4 Rows Pattern Depth (Dip Switches) |
| Presence Timer | 2, 15, 60, 180 sec. |
| Power Supply | 12 to 32V AC or DC ±10% |
| Power Consumption | AC24V-2VA , AC12V-1.5VA DC24V-55mA , DC12V-85mA |
| Output Contact | Relay contact: DC50V 0.1A (Resistance Load) Yellow Cable: Close when detecting Green Cable: Open when detecting White Cable: Common |
| Output Holding Time | Approx. 0.5 sec. |
| Indication | Power on: Green = ON Detecting: Red = ON Hunting Door: Orange = ON Self Diagnostic Function: Red/Green = Flashing |
| Temperature Range | -20° to +60° |
| Weight | Approx. 200g |
| Color | Black & Silver |
| Accessories | Connection Cable Mounting Template Mounting Screws Installation Instructions |

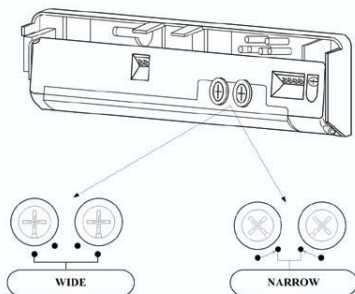
NOTE: Specifications may change without prior notice

Detection Area

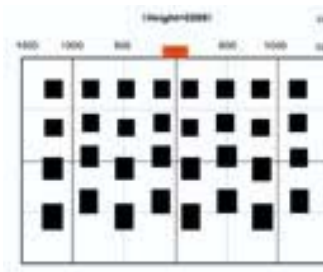


Outer 3 rows can be deleted one by one using dip switches.

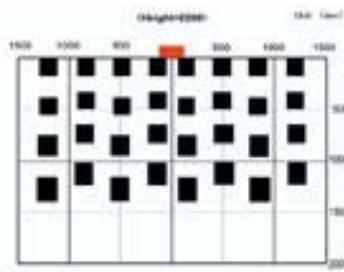
Width Adjustment



Plan View (Max.)



Plan View (Min.)



HOTRON IRELAND LTD.

37 Dublin Street (2nd Floor), Carlow, Ireland.
Tel: +353-(0)503-40345 · Fax: +353-(0)503-40543
URL: <http://www.hotron.com>

HOTRON CO. LTD.

1-11-26 Hyakunin-Cho Shinjuku-ku, Tokyo 169-0073, Japan.
Tel: +81-3-5330-9221 · Fax: +81-3-5330-9222
URL: <http://www.hotron.co.jp>