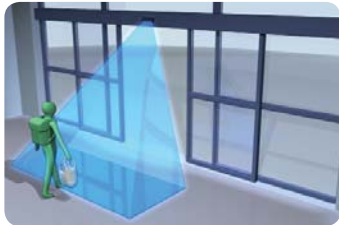## HR942D
Activation

Introduce Simple & Affordable Automatic Door Activation

The perfect automatic door activation sensor consisting of two rows of active infrared detection at mounting heights of up to 3m

- **Timely Door Activation**
  Flexible and adjustable detection distance from 0.4m to 1.8m at Installation height of 2.2m

- **Simple to Install**
  Install with ease without the need for a remote control thanks to comprehensive instructions printed on the sensor body

- **Slender Design**
  Enhance the look of the sleekest automatic door profile with the HR942D's slim sensor body design

- **Cost Effective**
  Most cost competitive active infrared sensor in the Hotron range

HOTRON®

HR942D
Activation

Accessories

1200R
Spacer for installation
on a round door

UTB-HR100
Ceiling attached bracket

ITB-HR100
Ceiling recessed bracket

Cable-2.5M
HR942D 2.5M Cable
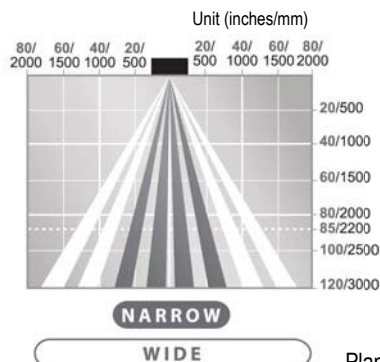
HR94D-COV/S
Silver sensor cover
HR94D-COV/BL
Black sensor cover

WC/BL
Black weather cover

Technical Specification
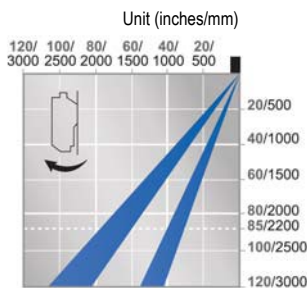
Model	HR942D Pedestrian Door Activation
Detection Method	Active Infrared Detection
Installation Height	3.0m (9.84ft) Max
Sensor Dimensions	210mm (W), 65mm (H), 30mm (D)
Depth Adjustment	1 ~ 2 rows of detection (Dip Switch)
	Body Angle Adjustment 0° ~ +5° in 3 steps
Width Adjustment	Wide / Narrow (Dials)
Presence Timer	2s / 15s / 60s / 180s
Frequency	4 Frequencies (Dip Switch)
Quantity of Detection Depth Rows	1 / 2 rows
Monitor Mode	Normal / Snow (Dip Switch)
Sensitivity Adjustment	Available (Potentiometer)
LED Indication	Standby : Green Detecting : Red Door Hunting : Orange
	Self Diagnostics : Green & Red Blinking
Power Supply	AC/DC 12 ~ 32V ±10%
Power Consumption	AC12V : 1.8VA Max, AC24V : 2.8VA Max
	DC12V : 100mA Max, DC24V : 60mA Max
Output	Relay contact : DC50V 0.1A (Resistor Load)
Output Holding Time	Approx. 0.5s
Operating Temperature	-20°C ~ +60°C, (-4°F ~ +140°F)
Operating Humidity	Below 80%
IP Rating	IP54
Weight	Approx. 190g (0.42 lbs)
Color	S : Silver , BL : Black
Accessories Provided	Cable, Mounting Template, Mounting Screws, Installation Instructions

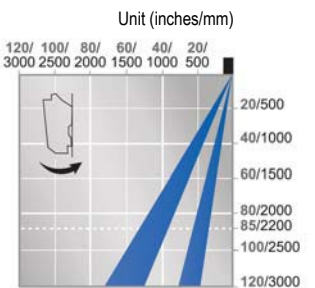## Detection Area (inches/mm)

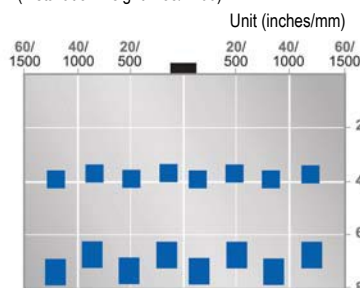Front View

NARROW
WIDE

Side View (Max.)

Side View (Min.)

Plan View (Max.)
(Installation Height = 85/2200)

Plan View (Min.)
(Installation Height = 85/2200)