

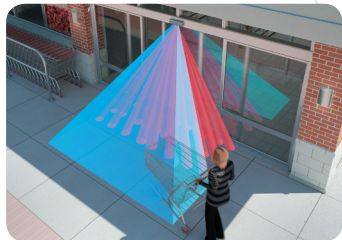


3H-IR14

Activation + Safety

Sliding Door Activation and Pedestrian Safety in one Compact Sensor

Infrared Technology, Single Relay Output



- **Compact**
Smallest sensor on the market that combines door activation with pedestrian safety in one product
- **Pedestrian Safety**
Double curtain of infrared safety beams protects pedestrians from dangerous automatic door movements
- **Energy Efficient**
Accurately adjustable detection area reduces false door activations in busy urban environments
- **Reliable**
Intelligent software along with internal sensor self monitoring ensures safe and reliable operation in all installation environments



www.hotron.com

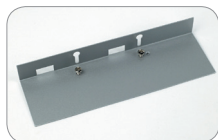
HOTRON
INSPIRING CONFIDENCE

3H-IR14

Activation + Safety

MOTION & PRESENCE SENSOR 3H-IR14		Quantity of Rows 1 2 3 4 5 6 7 8 R4 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> R3 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> R2 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> R1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Presence Timer 2s <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 30s <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 60s <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ∞ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Frequency A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Monitor Mode Normal <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Snow <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Self-Monitoring OFF <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> ON <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Angle Width Wide <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Narrow <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Sensitivity H <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
LOT No. _____ Power Supply: AC/DC12~24V±10% 50/60Hz Output: Form C Relay DC50V 0.1A(Resistor Load) Wiring: Power RED & BLACK Output WHITE(COM) YELLOW(N.O.) GREEN(N.C.)		※. R3 & R4 are set to "2s" at "∞" setup.		Designed by HOTRON JAPAN			

Accessories



UTB
Under mounting bracket



WC_IR/BL
Black Weather Cover



HA-130
Internal Mounting bracket



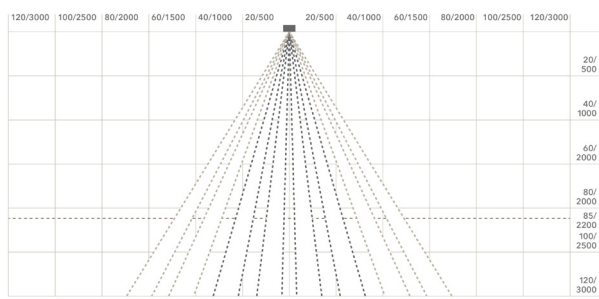
BF-1
Spot-finder installation tool

Technical Specification

Model	3H-IR14		
Detection Method	Active Infrared Reflection		
Installation Height	3.0m (9.84ft) Max		
Sensor Dimensions	210mm (W), 59mm (H), 28.5mm (D)		
Sensitivity Adjustment	Available		
Detection Area Adjustment	Width Adjustment: Wide or Narrow Depth Adjustment: Angle Adjustment 0° to +5° Delete DetectionRows: Row 4 to Row 1		
Presence Timer	2sec, 30sec, 60sec and infinity		
Frequency	4 Frequencies		
Monitor Mode	Normal / Snow		
Self-Monitoring	OFF / ON		
LED Indication	Standby	=	Green
	Detecting	=	Red
	Door movement is detected	=	Orange
	Waiting for reset	=	Orange blinking
	Reflection Diagnostics	=	Green/Red blinking
Power Supply	12 to 24V AC or DC ± 10%		
Power Consumption	AC12V-1.3 [VA] (Max), DC24V-1.5 [VA] (Max) DC12V-65 [mA] (Max), DC24V-35 [mA] (Max)		
Output	Relay Contact 1c DC50V 0.1A (Resistance load) Fail safe		
Output Holding Time	Approx 0.5 sec		
Operating Temperature	-20°C to +60°C, (-4°F to +140°F)		
Weight	Approx. 0.18kg (0.40 lbs)		
Available Colours	Black: Product Code	=	3H-IR14/BL
	Silver: Product Code	=	3H-IR14/S

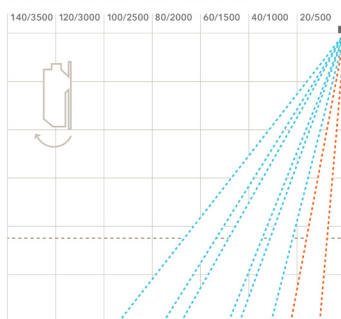
Detection Area (inches/mm)

Front View Unit - Inches / Millimetres

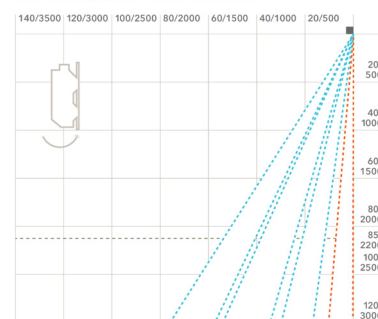


Narrow Wide

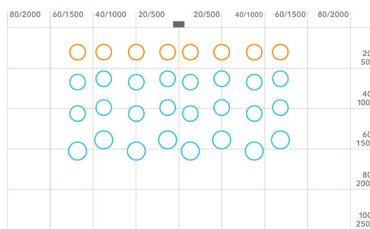
Side View (Max.) Unit - Inches / Millimetres



Side View (Min.) Unit - Inches / Millimetres

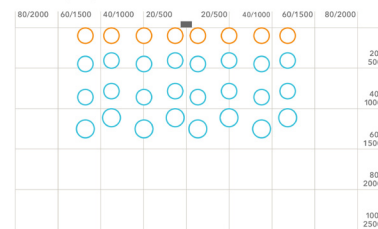


Plan View (Max.)



Unit - Inches / Millimetres
Installation Height = 85/2200

Plan View (Min.)



Unit - Inches / Millimetres
Installation Height = 85/2200