

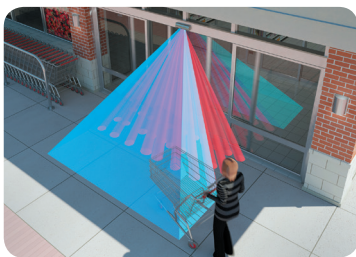


3H-IR14

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



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HOTRON

3H-IR14

Activation + Safety

3H MOTION & PRESENCE SENSOR
3H-IR14 CE

Quantity of Rows: 1 2 3 4 5 6 7 8
 R4 R3 R2 R1

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.)

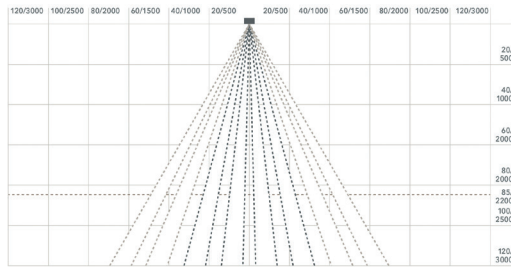
Presence Timer: 3.4 30s 60s ∞
 Frequency: A 5.6 B 4.0 C 4.0 D 4.0
 Monitor Mode: Normal Snow
 Self-Monitoring: OFF ON

Angle: 0° 5°
 Width: Wide Narrow
 Sensitivity: H

Designed by HOTRON JAPAN

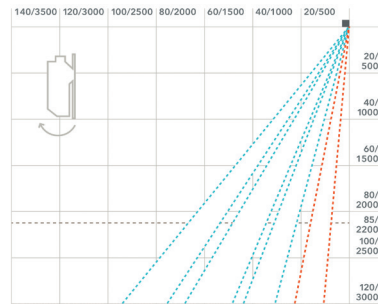
Detection Area (inches / millimetres)

Front View (inches/mm)

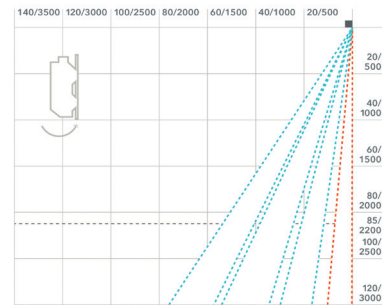


wide narrow

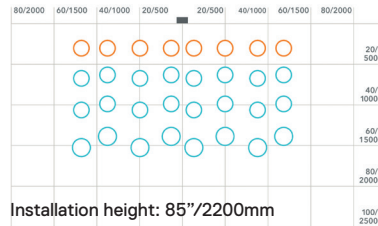
Side View (max.) (inches/mm)



Side View (min.) (inches/mm)

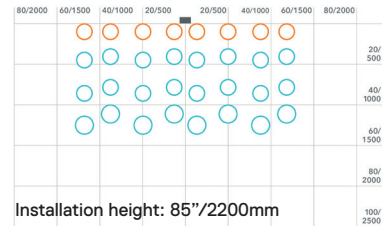


Plan View (max.)



Installation height: 85"/2200mm

Plan View (min.)



Installation height: 85"/2200mm

Technical Specifications

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 Detection Rows: 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

Associated Accessories

Under Mounting Bracket
UTB



Black Weather Cover
WC_IR/BL



Internal Mounting Bracket
HA-130



Spot Finder Installation Tool
BF-1

