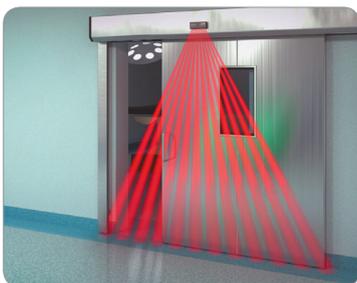# 3H-IR14C

Activation + Safety

EN16005 compliant Sliding Door Activation/Safety in a compact sensor housing

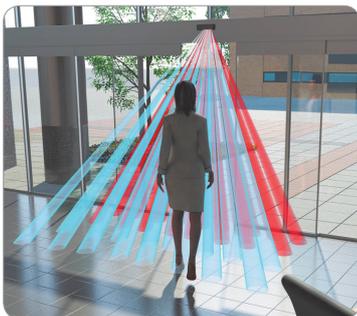## Infrared Technology, Dual Relay Outputs

COMPACT
Smallest sensor on the market that offers EN16005 compliant automatic door activation combined with pedestrian safety

PEDESTRIAN SAFETY
Dense and reliable curtain of safety beams focused directly in front of the moving door with a factory set presence timer setting of 30s

IDEAL FOR INTERNAL MOUNTING
Only 37mm of headroom required for internal mounting in a door engine cover or dropped ceiling when mounted in conjunction with our HA-14 internal mounting bracket
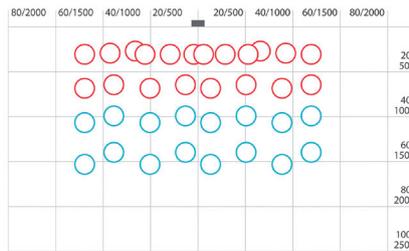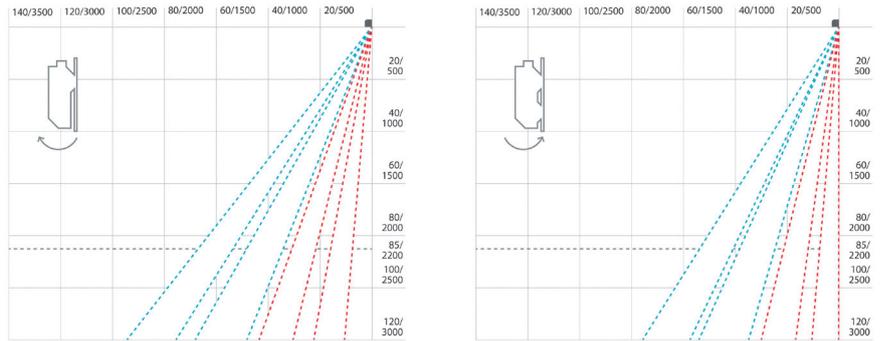
INSTALLS IN MINUTES
Set the safety zone in front of the sliding door and change only two dip switch settings for full compliance to European automatic door norms EN16005
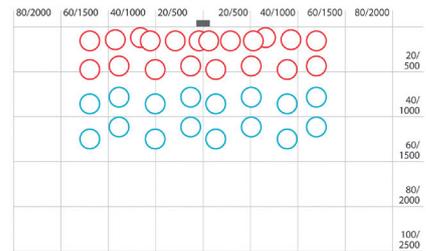
www.hotron.com

HOTRON

3H-IR14C
Activation + Safety

28.5mm
210mm
59mm

Detection Area (inches / millimetres)

140/3500 120/3000 100/2500 80/2000 60/1500 40/1000 20/500
20/500 40/1000 60/1500 80/2000 85/2200 100/2500 120/3000

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20/500 40/1000 60/1500 80/2000 100/2500

Installation height: 85"/2200mm

80/2000 60/1500 40/1000 20/500 20/500 40/1000 60/1500 80/2000
20/500 40/1000 60/1500 80/2000 100/2500

Installation height: 85"/2200mm

Technical Specifications

Model	3H-IR14C Activation + Safety
Detection Method	Active Infrared Reflection
Category	Category 2, Performance Level D according to EN ISO 13849-1: 2008
Installation Height	3.0m (9.84ft) Max
Presence Timer	Rows 1-2 = 30s fixed, Rows 3-4 = 2s fixed
LED Indicator	Green: Standby
	Blue: Rows 3 & 4 detecting
	Red: Rows 1 & 2 detecting
Power Supply	AC/DC 12 to 24V ±10%
Power Consumption	AC12V : 1.1VA Max, AC24V : 1.3VA Max
	DC12V : 70mA Max, DC24V : 40mA Max
Output	Safety (R1, R2) Form A Relay Contact DC50[V] 0.1[A] (Resistance load)
Output	Activation (R2, R3, R4) Form A Relay Contact DC50[V] 0.1[A] (Resistance load)
Test Input	DC24V : 6 [mA] Max
Output Holding Time	Approx. 0.5 sec
Operating Temperature	-20°C to +60°C, (-4°F to 140°F)
IP Rating	54
Weight	Approx. 0.18kg (0.40 lbs)
Available Colours	S: Silver, BL: Black

Associated Accessories

Under Mount Bracket
UTB

Black Weather Cover
WC_IR/BL

Internal Mounting Bracket
HA-14

Spot Finder
BF-1